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Alma College

FOR THE YEAR 1901-1902

WITH ANNOUNCEMENTS FOR THE YEAR
1902-1903

ALMA, MICHIGAN

Published By
THE COLLEGE
1902

CALENDAR.

1902		
1 April	Tuesday	Third term begins
6 June	Friday	Freshman Exhibition
9 June	Monday	Final Examinations begin
15 June	Sunday	Bacclaureate Sermon 7:30 p. m.
16 June	Monday	CLASS DAY
		Examinations 9:00 a. m.
		Class Day Exercises 3:00 p. m.
		Graduating Exercises of the Commercial School 8:00 p. m.
17 June	Tuesday	Graduating Exercises of the Kindergarten Department 10:00 a. m.
		Annual Concert 8:00 p. m.
18 June	Wednesday	ALUMNI DAY
		Graduating Exercises of the Academy 10:00 a. m.
		Public Exercises of the Alumni Association 3:00 p. m.
		Address before Christian Associations 8:00 p. m.
19 June	Thursday	COMMENCEMENT 10:00 a. m.
		President's Reception 8:00 to 10:00 p. m.
		SUMMER VACATION.
16 Sept.	Tuesday	Entrance Examinations
17 Sept.	Wednesday	First Term begins
27 Nov.	Thursday	Thanksgiving Day Recess
19 Dec.	Friday	First Term ends
1903		**WINTER VACATION.**
6 Jan.	Tuesday	Second Term begins
23 Jan.	Friday	Sophomore Exhibition
30 Jan.	Friday	Junior Exhibition
2 Feb.	Monday	Semi-Annual Examinations begin
6 Feb.	Friday	FIRST SEMESTER ends
9 Feb.	Monday	SECOND SEMESTER begins
20 March	Friday	Second Term ends
		SPRING VACATION.
31 March	Tuesday	Third Term begins
5 June	Friday	Freshman Exhibition
18 June	Thursday	COMMENCEMENT

IN NOMINE DEI, AMEN.

Resolved, That in view of all the facts brought before us, we will, with God's help, establish and endow a college within our bounds.

Synod of Michigan, Grand Rapids, Oct. 14, 1886.

The Corporation.

TRUSTEES:

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HON. JOHN M. LONGYEAR, Marquette.
AMMI W. WRIGHT, ESQ., Alma.
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REV. DAVID M COOPER, D. D., Detroit.
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APPOINTED BY THE SYNOD OF MICHIGAN.
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REV. R. CLARENCE DODDS, Lansing.

The Faculty.

AUGUST F. BRUSKE, M. S., D. D.,
President, and Wells Professor of Philosophy and Theism.

JOSEPH W. EWING, A. M.,
Folsom Professor of Pedagogy and Principal of the Academy.

MARY C. GELSTON, A. M.,
Professor of Latin.

JOHN T. EWING, A. M.,
Folsom Professor of Greek, and Registrar.

Wright-Davis Professor of Biology and Geology.

JAY CLIZBE, A. M.,
Professor of Biblical Literature.

JAMES MITCHELL, A. M.,
Wright Professor of History and Political Science.

FRANK N. NOTESTEIN, Ph., D.,
Wright Professor of Mathematics and Physics, and Dean of the Faculty.

MARY L. ALLEN,
Stone Professor of English, and Dean of Wright Hall.

*KATHARINE INGLIS,
Instructor in French and German.

LYDIA E. KOHN,
Diploma from the Lehrerinnen-Seminar, Hannover, Germany.
Instructor in French and German.

†LIZABETH B. CASE,
Librarian.

*Resigned.
†Absent on leave.

MINNIE L. CONVERSE, A. B.,
Librarian.

KATE L. BOOTH,
Principal of the School of Art.

MRS. MARY D. PLUM,
Principal of the Training School for Kindergartners.

JENNIE E. WAGNER,
Principal of the School of Music.

MRS JOSEPHINE ST. JOHN,
Diploma from the Royal Conservatory, Dresden.
Associate Principal and Instructor in Voice.

HERBERT A. MILLIKEN,
Instructor in Violin.

ROSE MESSINGER,
Instructor in Piano.

GERTRUDE WHITING,
Accompanist.

McGUIRE A. CONNER, M. Acct's,
Principal of the Commercial School, and Secretary of the College.

THERON W. MORTIMER, B. D.,
Director of Atheletics.

EDGAR A. BAGLEY, M. D.,
Medical Examiner for Gymnasium Work.

FRANCIS E. WEST, M. S.,
Instructor in Chemistry, and Secretary of the Faculty.

JAMES M. HENRY, A. B.,
Instructor in Biology and Geology.

MARY E. MILLER,
Instructor in Shorthand and Typewriting.

Alma College.

ORGANIZATION.

Alma College embraces six divisions: The College, The Academy, The School of Pedagogy, The Commercial School, The School of Music, and the School of Art.

THE COLLEGE.

I. THE COURSES OF STUDY.

There are four Courses of Study, each extending through four years.

1. The Classical Course, leading to the degree of Bachelor of Arts.

2. The Philosophical Course, leading to the degree of Bachelor of Philospohy.

3. The Scientific Course, leading to the degree of Bachelor of Science.

4. The Literary Course, leading to the degree of Bachelor of Letters.

For information concerning the studies in these courses, see pages 15-29.

II. REQUIREMENTS FOR ADMISSION.

On Examination.

Examinations for admission will be held on Tuesday, September 16, 1902, beginning at 9 o'clock a. m. The entrance examinations are designed to test the ability of the candidate to undertake the course of study, and not merely to ascertain the character and amount of his acquired knowledge.

Subjects for Examination:

GROUP I.

English.—1. The candidate will be required to present evidence of a general knowledge of the subject matter of the prescribed books, and to answer simple questions on the lives of their authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of the topic is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of the test, the candidate may present an exercise book, properly certified by his instructor, containing composition or other written work done in connection with the reading of the books.

The books set for this part of the examination are:

1902: George Elliot's Silas Marner; Pope's Iliad Books I, VI, XXII, and XXIV; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess.

2. This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject matter, form and structure.

1902: Shakespeare's Macbeth; Burke's Speech on Conciliation with America; Milton's L'Allegro, Il Penseroso and Comus; Macaulay's Essays on Milton and Addison.

Latin.—3. Four books on Cæsar's Commentaries on the Gallic War.

4. Six orations of Cicero; reading at sight a short passage of easy Latin prose.

5. The first eight books of Vergil's Æneid; or I-VI, with additional selections from Ovid, 6000 to 8000 verses in all

6. Grammar and prose composition. (As to the latter, Daniell's Prose book indicates the field to be covered.)

7. Candidates will be required to show a fair degree of knowledge of the general history of Rome.

Greek.—8. Xenophon's Anabasis, Books 1-3.

9. Homer's Odyssey, Books 1-3.

10. Reading at sight a short passage of easy Greek prose.

11. Grammar and prose composition. (As to the latter, Collar and Daniell's Exercises in Greek prose composition indicate the field to be covered.)

12. Candidates will be required to show a fair degree of knowledge of the general history of Greece.

Mathematics.—13. *Arithmetic.* No formal examination as a separate requirement. A knowledge of the metric system and the ability to reckon with facility and accuracy are presupposed.

14. *Algebra.* Factors, common divisors and multiples, equations of the first degree with one or more unknown quantities, involution, including the binomial theorem for positive entire exponents, evolution, the doctrine of exponents, radicals and equations involving radicals, quadratic equations of one and two unknown quantities, ratio and proportion, arithmetical and geometrical progressions.

15. *Geometry.* Plane, solid and spherical geometry, including the solution of simple original exercises and numerical problems.

Science.—16. *Physics.* The equivalent of Carhart and Chute's Elements, together with an approved laboratory course of not less than forty experiments actually performed at school by the candidate; or,

17. *Botany.* The equivalent of McBride's text-book of botany, together with an approved laboratory course involving the detailed examination of not less than forty plants; or,

18. *Chemistry.* The non-metallic elements, as usually given in high school text-books, together with an approved laboratory course of at least forty experiments actually performed by the candidate, as given in Remsen's or Williams' Laboratory Manuals.

GROUP II.

English.—As in Group I.

Latin.—As in Group I with the omission of 4 and 5.

Mathematics.—As in Group I

Science.—16, 17 and 18 of Group I.

French.—19. The ability to read easy French, such as Rambaud's Histoire de la Civilization Francaise, and

20. The elements of French grammar.

German.—21. The ability to read easy German, such as Andersen's or Grimm's Mærchen, and

22. The elements of German grammar.

Requirements for the Different Courses.

For the Classical Course, all of Group I.

For the Scientific Course, all of Group II.

For the Philosophical Course, all of Group I, except Greek, (for which substitute French and German of Group II,) and 16 and 17.

For the Literary Course, all of Group II, except Latin.

Admission Upon Certificate.

Examinations will be waived in the case of applicants who present certificates of graduation from the Academy of Alma College, or from any accredited high school having equivalent courses. Applicants from accredited high schools must send or present in person a full statement by the proper persons of the work done in each study. Blank forms for this purpose may be obtained on application to the Registrar. An examination in any or all of the subjects for examination outlined on pages 8 and 9 will be required of any applicants from accredited schools who are not provided with such certificates.

Candidates for advanced standing will be examined on the subjects previously studied by the classes they desire to enter, except in the case of undergraduates of other institutions who present letters of honorable dismission and also careful statements, duly verified, of the studies pursued and the credits received therein.

Special Students.

Students desiring to pursue special studies must meet the requirements for admission to one or other of the college courses of study, either upon examination or certificate. In laying out their work, they are expected to consult with the instructors in charge of the subjects they wish to pursue, and are subject to the same general regulations as other students. A certificate setting forth the amount of work which has been done will be given any special student who requests it.

III. OUTLINE OF THE COURSES OF STUDY.

Classical Course.

FRESHMAN YEAR.

First Semester.		*Second Semester.*	
Latin, I	4	Latin, II	4
Greek, I	4	Greek, II	4
Mathematics, I	4	Mathematics, II	4
History, I	2	History, II	2
English, I	2	English, I	2
Bible, I	1	Bible, I	1

SOPHOMORE YEAR.

First Semester.		*Second Semester.*	
Latin, III	3	Latin, IV	3
Greek, III	4	Greek, IV	4
English, II	2	English, II	2
Mathematics, III; or Biology, I	3	Mathematics, IV; or Biology, II	3
Modern Language	3	Modern Language	3
Bible, II	1	Bible, II	1

JUNIOR YEAR.

First Semester.		*Second Semester.*	
Physics, I	4	Physics, II	4
Philosophy, I	3	Political Science, I	3
English, III	3	English, III	3
Electives	6	Electives	6

SENIOR YEAR.

First Semester.		*Second Semester.*	
Philosophy, II	3	Philosophy, III	3
Bible, III	3	Political Science, VI	3
Electives	9	Electives	9

One hour a week of rhetorical work is required throughout the course.

Philosophical Course.

FRESHMAN YEAR.

First Semester.		*Second Semester.*	
Latin, I	4	Latin, II	4
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	2	History, II	2
English, I	2	English, I	2
Bible, I	1	Bible, I	1

SOPHOMORE YEAR.

First Semester.		*Second Semester.*	
Latin, III	3	Latin, IV	3
French, I or Biology, I	4 or 3	French, II or Biology, II	4 or 3
English, II	2	English, II	2
Mathematics, III	3	Mathematics, IV	3
Chemistry, I	3	Chemistry, II	3
Bible, II	1	Bible, II	1

JUNIOR YEAR.

First Semester.		*Second Semester.*	
Physics, I	4	Physics, II	4
Philosophy, I	3	Political Science, I	3
English, III	3	English, III	3
Electives	6	Electives	6

SENIOR YEAR.

First Semester.		*Second Semester.*	
Philosophy, II	3	Philosophy, III	3
Bible, III	3	Political Science, VI	3
Electives	9	Electives	9

One hour a week of rhetorical work is required throughout the course

Scientific Course.

FRESHMAN YEAR.

First Semester.		*Second Semester.*	
Biology, I	3	Biology, II	3
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	2	History, II	2
English, I	2	English, I	2
Bible, I	1	Bible, I	1

SOPHOMORE YEAR.

First Semester.		*Second Semester.*	
Chemistry, I	3	Chemistry, II	3
French, I	4	French, II	4
English, II	2	English, II	2
Mathematics, III	3	Mathematics, IV	3
Elective Science	3	Elective Science	3
Bible, II	1	Bible, II	1

JUNIOR YEAR.

First Semester.		*Second Semester.*	
Physics, I	4	Physics, II	4
Philosophy, I	3	Political Science, I	3
English, III	3	English, III	3
Electives	6	Electives	6

SENIOR YEAR.

First Semester.		*Second Semester.*	
Philosophy, II	3	Philosophy, III	3
Bible, III	3	Political Science, VI	3
Electives	9	Electives	9

One hour a week of rhetorical work is required throughout the course.

Literary Course.

FRESHMAN YEAR.

First Semester.		*Second Semester.*	
English, I	2	English, I	2
French, I	4	French, II	4
German, I	4	German, II	4
Mathematics, I	4	Mathematics, II	4
History, I	2	History, II	2
Bible, I	1	Bible, I	1

SOPHOMORE YEAR.

First Semester.		*Second Semester.*	
English, II	2	English, II	2
French, III	3	French, IV	3
German, III	3	German, IV	3
Mathematics, III	3	Mathematics, IV	3
Chemistry, I or Biology, I	3	Chemistry, II or Biology, II	3
Bible, II	1	Bible, II	1

JUNIOR YEAR.

First Semester.		*Second Semester.*	
Physics, I	4	Philosophy, II	4
English, III	3	English, III	3
Philosophy, I	3	Political Science, I	3
Electives	6	Electives	6

SENIOR YEAR.

First Semester.		*Second Semester.*	
Philosophy, II	3	Philosophy, III	4
Bible, III	3	Political Science, VI	3
Electives	9	Electives	9

One hour of rhetorical work is required throughout the course.

IV. THE COURSES OF INSTRUCTION.

Latin Language and Literature.

MARY C. GELSTON, Professor.

The aims of the work in Latin may be classed under several distinct heads:

1. To strengthen and extend the foundation already laid in the preparatory school, by training in syntax and word formation, by a critical interpretation of the text, and by frequent exercises in prose composition based upon the authors read, as a means for securing accuracy in linguistic knowledge.

2. To teach students to read Latin understandingly and rapidly. To this end, there is much drill in sight reading and in translation at hearing.

3. To widen the scope of instruction by collateral reading, accompanied by quizzes and dissertations. The desire is to give the student a knowledge of his subject on its historic and literary side, to make him acquainted with the Latin literature and its development, and to give him a thorough and sympathetic knowledge of Roman private life and civilization.

The following courses are offered:

I. Selections from Cicero; Roman Literature; Prose Composition. *Four hours a week.*

II. Livy; Prose Composition; Roman Literature. *Four hours a week.*

III. Horace—Odes, Satires, Epistles; Roman Literature. *Three hours a week.*

IV. Vergil—Eclogues; a play of Plautus or Terence; Roman Literature. *Three hours a week.*

V. Letters of Pliny; Selections from Juvenal and Martial. *Three hours a week.*

VI. Philosophy among the Romans—Lucretius; Cicero; Seneca.

VII. Roman Rhetoric and Oratory—Cicero; Quintilian. *Three hours a week.*

VIII. Roman History and Law—Tacitus; Justinian.

Courses I, II, III and IV are required of candidates for the degrees of A. B. and Ph. B.; the others are elective. Courses I, III, V and VI are given during the First Semester; courses II, IV, VII and VIII, during the Second Semester.

Greek Language and Literature.

JOHN T. EWING, Professor.

The course of instruction is planned with a view to assist the student in gaining some familiarity with the language and literature of the Greeks and an appreciation of the nature and worth of Greek culture and of its bearing upon the literature, philosophy and art of later times. In the Freshman courses particular attention is paid to the forms and the elementary principles of syntax, and practice in oral and written composition is relied upon to give readiness and accuracy in the use of the language.

Collateral reading and practice in reading at sight are used to vary the point of view and to give opportunity for the discussion of questions pertaining to the history, mythology and institutions of the Greeks.

The following courses are offered:

I. Lysias and Xenophon. Review of the grammar and drill in advanced prose composition. *Four hours a week.*

II. Homer. Three books of the Iliad, with a careful study of forms and prosody; topical study of the Homeric Age and of early literary forms. *Four hours a week.*

III. Herodotus and Thucydides. Study of literary style; discussion of historical problems. *Four hours a week.*

IV. The Drama. Reading of selected plays; study of the dramatic art of the Greeks. *Four hours a week.*

V. Plato. The life and character of Socrates; readings from the Apology, Crito and Phædo. *Three hours a week.*

VI. Greek Life. Study of social life and customs; collateral reading and discussion of special themes. *Three hours a week.*

VII. New Testament Greek. Study of the peculiarities of Hellenistic Greek; rapid reading of selected books. *Three hours a week.*

VIII. Theocritus and Lucian. Studies in the later literature. *Three hours a week.*

IX. The Greek in English. Intended especially for Scientific students. *Three hours a week.*

Courses I, II, III and IV, taken their order, are required of candidates for the degree of Bachelor of Arts; the others are elective.

Courses I, III, V, VII and IX are given during the First Semester; courses II, IV, VI, VIII and IX, during the Second Semester.

English Language and Literature.

MARY L. ALLEN, Professor.

The first half of the Freshman year is devoted to the study of paragraph structure. Daily themes are written and the characteristics of the different forms of prose discourse are emphasized. The rest of the year is devoted to the study of masterpieces that illustrate the principles already learned, and to the writing of such themes as will show the student's grasp of the principles of effective narration, description and exposition.

During the first half of the Sophomore year, the student masters A. S. Hill's Principles of Rhetoric; and presents an expository theme every two weeks. The students criticise such themes as to their conformity to rhetorical usage in sentence, paragraph and general structure. During the second half of the year, expository argumentative selections are studied, and expository and argumentative themes are written.

The Junior year is devoted to the study of great English masterpieces, and themes growing out of such study are written.

In the Senior year, courses devoted to the study of certain phases of literature are offered; and themes embodying original research are prepared.

The following courses are offered:

I. Theme course alternating during the Second Semester with the study of typical English prose. Not open to students entering late in the year. A requirement for entering any English course in advance of it. (Year course.) *Two hours a week.*

II. Theme course alternating with the study of English essays and orations. A requirement for entrance to any English course in advance of it. A requirement for membership in the Senior class. (Year course.) *Two hours a week.*

III. A study of such English classics as will give a continuous historical view of English poetry. (Year course.) *Three hours a week.*

IV. The Shakespearian Drama. *Three hours a week.*

V. English Lyrics. *Three hours a week.*

VI. The Novel. *Three hours a week.*

VII. American Literature. *Three hours a week.*

Courses I-III are required; courses IV-VII are elective.

History.

JAMES MITCHELL, Professor.

The College aims to make the study of History not merely a source of information but of real educative value. To this end work is required which is designed to develop and test the student's ability in collecting material, discussing theories, and marshalling facts to fortify or overthrow a proposition. In each course definite reading is required, in which the most approved treatises are examined and compared. No attempt is made in European History to consult the sources except so far as may be done by the use of "Translations and Reprints from Original Documents," published by the University of Pennsylvania.

In American History, where the problems are not so diffi-

cult of solution, more use is made of the sources, particularly the Congressional Globe and Record, but even here the great number of valuable works now available is chiefly relied upon.

A text-book is used—in all cases where a satisfactory one can be obtained—as a means of connecting and holding firm all that comes to the student from other sources. Informal lectures supplement the work of the text-book and collateral reading.

The following courses are offered:

I. American History. The formation of the Union, 1750–1829. *Two hours a week.*

II. American History. Division and Reunion, 1829–1889. *Two hours a week.*

III. Introduction to modern European History; Renaissance and Reformation. *Three hours a week.*

IV. The French Revolution and its Antecedents. *Three hours a week.*

V. Political and Constitutional History of England. *Three hours a week.*

VI. The United States during the Civil War and Reconstruction. *Three hours a week.*

VII. The Nineteenth Century. *Three hours a week.*

Courses I, III and V are given during the First Semester; courses II, IV and VI during the Second Semester. Courses I and II are required of all candidates for a degree; the others are elective.

Mathematics.

FRANK N. NOTESTEIN, Professor.

The whole subject of Geometry, Plane, Solid and Spherical, being provided for in the Academic courses, the first semester of the Freshman year is given to Trigonometry, Plane and Spherical, which is required in all the college courses.

The second semester is devoted to advanced Algebra including such an introduction to the Differential Calculus as

prepares for the proof of the binomial formula, the exposition of logarithms and important propositions. This also is required in all courses.

In the Sophomore year three hours each week for a year are assigned to Analytical Geometry.

The Differential and Integral Calculus, Analytical Mechanics and Surveying are offered as electives to all students who have the necessary preparation.

The aim in this department is to develop logical power in the student, as well as to furnish him with an instrument for further investigation.

The following courses are offered:

I. Plane and Spherical Trigonometry. *Four hours a week.*

II. Higher Algebra. *Four hours a week.*

III. Analytical Geometry. *Three hours a week.*

IV. Analytical Geometry (continuation of course III.) *Three hours a week.*

V. Surveying. *Three hours a week.*

VI. Differential and Integral Calculus. *Three hours a week.*

VII. Calculus (continuation of course VI.) *Three hours a week.*

VIII. Analytical Mechanics. *Three hours a week.*

IX. Mechanics (continuation of course VIII.) *Three hours a week.*

Courses I, III, VI and VIII are given during the First Semester; courses II, IV, V, VII and IX during the Second Semester. Courses V to IX are elective. Students in the Classical Course may elect Biology I and II in place of Mathematics III and IV.

Physics.

FRANK N. NOTESTEIN, Professor.

Students who have had the necessary preparatory work in this branch are permitted to enter the advanced courses in Physics in the Junior year. This subject occupies four hours a week during two semesters with laboratory work in addition. The principles of the science are discussed be-

fore the class and illustrated by general experiments, after which the student is required to perform similar experiments and record the results of his investigations. It is believed that students trained in this way will secure a practical knowledge of the science.

The following courses are offered:

I. Mechanics, Acoustics and Optics with Laboratory work. *Four hours a week.*

II. Heat and Electricity with Laboratory work. *Four hours a week.*

III. An advanced course in Sound and Light with Laboratory work. *Three hours a week.*

IV. An advanced course in Heat, Electricity and Magnetism with Laboratory work. *Three hours a week.*

Courses I and III are given during the First Semester; courses II and IV during the Second Semester.

Chemistry.

FRANCIS E. WEST, Instructor.

The following courses are offered:

I. Qualitative Analysis. *Three periods of two hours each a week.* The work is done largely in the laboratory where the students apply with their own hands the reagents required to determine the composition and properties of bodies.

II. Advanced Qualitative Analysis. *Three periods of two hours each a week.* This is a continuation of Course I. Besides the ordinary compounds analyzed in Course I, the student now analyzes commercial and natural productions, ashes of plants, minerals, soils, etc.

III. Quantitative Analysis. *Three periods of two hours each a week.* Quantitative determinations are made of chemical compounds, ores, and soils. Accuracy and neatness in work are among the objects sought.

IV. Organic Chemistry. *Three periods of two hours each per week.* Study of the text, lectures, and laboratory work in making organic compounds, such as alcohols, ethers, chloroform, etc.

V. Beet-Sugar Chemistry. *Three periods of two hours each a week.* This course is given, not so much with the intention of fitting students for factory work as for the value of the work as a drill in chemistry. However, those who take this course do not find it difficult to do the chemical work that is required in sugar factories. One of the students who took the work last year was given a position as assistant chemist in one of the factories of the state. There being a factory in the city gives an advantage not found in colleges located in cities having no factory.

VI. Chemistry of Common Life. *Two hours per week.* This is a course that will not be taken by those who have had chemistry, or who desire a full elementary course in chemistry, but it is a brief course for those who desire to understand chemical allusions in other subjects, and to know something of the chemistry of common life. It will be helpful to those who are anticipating teaching other subjects than chemistry, and those engaged in nature study. It will consist mainly of lectures together with some laboratory work.

Only those who have had General Chemistry will be permitted to take Course I. Only those who have had Courses I and II will be permitted to take Course III. Only those who have had Courses I, II and III will be permitted to take Courses IV and V without special permission. Courses I, III and IV are given the first semester, and Courses II, V and VI the second semester.

Biology.

JAMES M. HENRY, Instructor.

The object of the course in Biology is to quicken the student's power of observation and thought, and to make him an independent investigator. With this end in view the work in Zoology is done mainly in the laboratory. Familiar type animals are taken up in the beginning and carefully studied, and as the student becomes accustomed to the methods of work, those less familiar are worked up. At every stage the student is required to make dissections, to

keep a careful record of his work and to make drawings from the object which he is studying. The elements of classification are taught, and the attention of the student is constantly turned to the general character of the type which he is studying. The work in Botany begins with the study of the morphology and general characters of the flowering plants. The flora of the region is carefully studied and the student is encouraged to investigate the habits of plants which come under his observation. In the advanced course the work is entirely in the field and in the laboratory.

The following courses are offered:

I. Zoology; Laboratory work. *Three hours a week.*

II. Botany; Field and Laboratory work. *Three hours a week.*

III. Botany; Advanced. *Three hours a week.*

IV. Histology. *Three hours a week.*

V. Zoology, advanced. *Three hours a week.*

Courses I, III and IV are given during the First Semester; courses II and V during the Second Semester.

Courses I and II are required in one or other of the regular courses of study.

Courses III, IV and V are general electives.

Geology.

JAMES M. HENRY, Instructor.

The course in Geology is necessarily a brief one, the aim being to present as practical and complete a view of the facts and theories of the subject as possible with the facilities at hand. The theories of the science and the historical portion of the subject are taught from text-books and by lectures, illustrated by specimens, diagrams and charts. Such facts as can be demonstrated by the local formations are studied in the field. The large collection of minerals, rocks and fossils belonging to the College have been placed in order in the museum, and will add materially to the equipment of the department.

Astronomy.

FRANK N. NOTESTEIN, Professor.

Provision is made for one Semester of study of Astronomy in the Academy and one Semester in the College course.

In the earlier period the facts of Astronomy are studied, including all that can be well understood by pupils of that grade. In the latter period the same facts are studied in the light of Mathematics, and the laws are demonstrated.

Modern Languages.

Dr. BRUSKE and Miss KOHN.

It is the aim of this department to give a thorough grammatical and conversational knowledge of German and French. The first year's work is devoted to a review of grammar and to reading and translating standard works. The second year is devoted to a more advanced study of the best authors, together with constant practice in prose composition. Poems are memorized in all classes, and the conversation of the class-room is in German and French, in so far as this is possible.

The following courses are offered:

GERMAN.

I. Review of grammar; prose composition; reading and translating Hillern's Hœher als die Kirche and other stories. *Four hours a week.*

II. Grammar; sight reading; prose composition; reading and translating Gœthe's Hermann und Dorothea. *Four hours a week.*

III. Review of grammar; reading and translating Deutchland und die Deutchen, and Lessing's Nathan der Weise. *Three hours a week.*

IV. Prose composition; reading and translating Gœthe's Faust. *Three hours a week.*

FRENCH.

I. Review of grammar; prose composition; reading and translating George Sand's La Mare au Diable. *Four hours a week.*

II. Sight reading; prose composition; reading and translating Fortier's Sept Grand Auteurs de XIX Siecle, with selections from modern prose authors. *Four hours a week.*

III. General survey of French syntax and composition; selections from best writers. *Three hours a week.*

IV. General survey of French literature; prose composition and sight reading. *Three hours a week.*

Courses I and III in each language are given during the First Semester; courses II and IV during the Second Semester.

Mental and Moral Philosophy.

AUGUST F. BRUSKE, Professor.

The course in Philosophy begins in the Junior year with the study of Logic. The forms of argument, the laws of thought and the general principles of method are carefully studied. The work in this department is made as practical as possible, and the principles learned are at once applied to the construction of discourse.

In the Senior year the study of Psychology is taken up during the First Semester. The study of Ethics is taken up during the Second Semester. The study of the history of Philosophy is offered as an elective during the Second Semester.

The following courses are offered:

I. Logic. *Three hours a week.*

II. Psychology. *Three hours a week.*

III. Ethics. *Three hours a week.*

IV. History of Philosophy. *Three hours a week.*

Courses I and II are given during the First Semester; courses III and IV during the Second Semester.

Political Science.

JAMES MITCHELL, Professor.

The term Political Science, as here used, is made to include Economics, Theoretical and Practical Politics, International Law and Sociology. The aim is to give to students pursuing these studies such knowledge and training as is believed to be a part of a liberal education. An effort is made to inculcate independent, unbiased, scientific habits of thinking, and thus make the study of practical value to those about to enter active life as citizens.

The following courses are offered:

I. Principles of Political Economy. This course is designed to cover the more important portions of the general field of Economics. The student is expected to assimilate the general principles of the subject and be able to apply them to the discussion of practical questions. An excellent library of Economics, containing all the important treatises in English on the subject, is at hand, and students are required to use it freely. *Three hours a week.*

II. Economic History. This course has to do chiefly with the industrial development of England and the United States. It may properly precede or supplement the course in the principles of Political Economy. *Three hours a week.*

III. American Government. An analysis of the nature, structure and working of the Federal Government; the three departments and their relation to each other; a comparison with the English system; political parties, their uses and abuses; public opinion and its influence are among the subjects discussed. Bryce's American Commonwealth serves as a basis for study, but the student is directed of other sources of information. Given in 1902-03 and alternate years thereafter. *Three hours a week.*

IV. Comparative Constitutional Government. A comparative study of the Governments of England, France, Germany and the United States. Burgess' work is relied on chiefly for this course, though frequent reference is made

to other writers, principally Willoughby and Wilson. Course III or its equivalent should precede this course. Given in 1903-04 and alternate years thereafter. *Three hours* a *week.*

V. International Law. This subject is studied topically with the use of Snow's Cases, and with the works of Hall, Bluntschli, Halleck, Walker, Lawrence and Woolsey for reference. Offered in alternate years. *Three hours a week.*

VI. Principles of Sociology. An advanced general course. It includes an analysis and classification of social facts; discussion of the principles of social theory and the process of socialization; study of social feeling, public opinion, and organized action; an enquiry into the causes of emotional epidemics, panics, mob violence, revolutions; an explanation of the growth of public opinion on great questions; an attempt to show from history and current events that public action is governed by definite laws of social change. Gidding's Principles of Sociology is used as a text. *Three hours a week.*

Courses II and III are given during the First Semester; courses I, IV, V and VI during the Second Semester. Course I is required; the others are elective.

The Bible and Theism.

The PRESIDENT and Professor CLIZBE.

Since the religious facilities are the highest and noblest, their training has been given the place of first importance. The instruction here given is in the broadest sense Christian. Nothing of a sectarian character is admitted. The purpose is to build up intelligent Christian manhood. We believe that this is the greatest need of our time.

The following courses are offered:

I. The Life of Christ; in which the student will be expected to master the Journeys and Events of Christ's Life in their order. *One hour a week.*

II. The founding and Extension of the Christian Church. *One hour a week.*

III. Natural Theology and Evidences of Christianity. *Three hours a week.*

Pedagogics.

Professor J. W. EWING and Mrs. PLUM.

Instruction in Pedagogics is offered to Juniors and Seniors in accordance with an act of the Legislature of Michigan authorizing the State Board of Education to grant a teacher's certificate, without examination, to any person who has received a Bachelor's, Master's or Doctor's degree from any college in this state having a course of study actually taught in such college of not less than four years, in addition to the preparatory work necessary for admission to Michigan University, and including a course in the Science and Art of Teaching of at least one college year of five and one-half hours per week.

This course embraces professional work in Applied Psychology, History of Education, School Law, School Systems, special methods in common branches, including the Kindergarten; a critical examination of the Reports of the Committees of Ten, Twelve and Fifteen, and the organization and management of schools.

Graduates from any of the college courses who complete this course of professional work will be recommended by the Faculty to the State Board of Education for a teacher's certificate, which will enable them to teach in the public schools of Michigan without further examination.

The following courses are offered:

I. History of Education. *Two hours a week.*

II. School Management. *Two hours a week.*

III. Child Study and the Theory of Kindergarten. *One hour a week.*

IV. Psychology, Applied. *Two hours a week.*

V. Principles and Methods of Teaching. *Two hours a week.*

VI. School Law and School Systems, including a study of the school systems of at least five of the states, and of Germany, France and England. *Two hours a week.*

VII. A course of lectures on the organization and man-

agement of schools. Five essays on educational topics are required of each student during the course. A course of collateral reading is also required.

Courses I, IV and V are given during the First Semester; courses II, III, VI and VII during the Second Semester. Courses I, II, and VII will be given in the year 1902-3.

Opportunity is given to visit the various departments of graded schools to observe the methods of teaching. A written report of these observations is presented by each visitor to the class for discussion.

Physical Culture.

THERON W. MORTIMER, Instructor.

The importance of physical culture is fully recognized. During the college year all students are required to take at least three hours per week of gymnasium work or the equivalent. At the beginning of the year a thorough physical examination of each student is made and corrective exercises given cases of insufficient development or physical defect. Athletic sports of all kinds are encouraged as far as consistent with the primary object of the college. Competitive games are considered an important factor in education and are carefully directed to subserve this end.

The Academy.

Instructors.

JOSEPH W. EWING,
PRINCIPAL.
Mathematics.

MARY C. GELSTON,
Latin.

JOHN T. EWING,
Greek.

FRANK N. NOTESTEIN,
Physics.

MARY L. ALLEN,
English.

JAY CLIZBE,
English Bible.

JAMES MITCHELL,
History and Civics.

*KATHARINE M. INGLIS,
German and French.

LYDIA E. KOHN,
German and French.

FRANCIS E. WEST,
Chemistry.

JAMES M. HENRY,
Geology and Botany.

McGUIRE A. CONNER,
Penmanship.

THERON W. MORTIMER,
Physical Training.

*Resigned.

I. GENERAL STATEMENT.

The Academy of Alma College has been founded to provide facilities for securing an exact and adequate preparation for college work as well as to meet the needs of those who wish to enjoy the benefits of a thorough academic training in preparation for life's work.

To realize fully this two-fold object, great care has been taken to provide skilled instruction. Students in the Academy are under the direction of teachers of wide experience and full knowledge of the subjects they teach. The close touch that exists between instructor and student in the class-room is of vital importance in the forming of character.

Graduates of this Academy are prepared to enter the Freshman classes of the best colleges in the country.

II. REQUIREMENTS FOR ADMISSION.

Candidates for admission to the First Year Class must be able to sustain an examination in Reading, Writing, Spelling, Arithmetic, the elements of English Grammar, common school Geography and U. S. History. Candidates for higher standing will be examined in the studies previously pursued by the class they desire to enter, with the exception of those who persent certified statements of work done in accredited schools.

Graduates from the eighth grade in district schools may enter the First Year Class on certificate without further examination.

III. COURSES OF INSTRUCTION.

Four courses, each extending through four years, are provided, which severally lead up to the corresponding courses of the college, viz: The Classical, Philosophical, Scientific and Literary. Each of these courses, however, is complete in itself and may be pursued with profit by the student with limited time and means for gaining an education.

IV. DESCRIPTION OF COURSES.

Latin.

During the first year, careful attention is paid to the mastery of inflections and the essential rules of syntax, and to the acquisition of a good vocabulary. Collar and Daniell's First Latin Book is used, and selections from Viri Romæ are read during the last term.

The work of the second year includes the reading of four books of Cæsar's Gallic War, or an equivalent, with frequent practice in prose composition. The text-books used are Lowe and Ewing's Cæsar and Riggs' In Latinum.

The third year is devoted to the reading of five orations and select letters of Cicero, and one thousand lines of Ovid. The work in prose composition is continued and in connection with the Ovid, the study of hexameter verse is begun. Text-books used are Johnson's Cicero, Riggs' In Latinum and Kelsey's Ovid.

In the fourth year, six books of the Æneid and six hundred lines of Ovid are read. The literary and rhetorical features of the work are noted, and the study of hexameter verse continued. Greenough's Vergil is used. The course comprises five exercises a week during the first three years and four during the fourth year. The Roman method of pronounciation is used.

Greek.

In the first year of the study of Greek, the student's efforts are chiefly directed towards the mastery of the inflections as a foundation for future work. The subject is presented systematically with frequent reviews and other tests. The principles of syntax are presented inductively. Proper methods of study in relation to the training of memory and reason are emphasized. The reading of easy selections leads up gradually to the study of the Anabasis in the first semester of the second year. This is followed

by the reading of three books of Homer's Odyssey. Sight-reading, prose composition and a detailed study of the geography of Greece are included in this year's work.

Mathematics.

Four hours a week are given to the review of Arithmetic in the first semester of the first year, and four hours in the second semester to the study of Elementary Algebra.

During the second year four hours a week are given to Elementary Algebra in the first semester and the same time in the second semester to Higher Arithmetic.

During the third year three hours a week are given to to the study of Higher Algebra.

During the last year of the course there are five recitations a week in Geometry, which enable the student to complete Solid and Spherical as well as Plane Geometry.

Our aim is to teach Arithmetic, not as a collection of rules to be committed to memory, but by accustoming the pupil to see what the conditions of each problem demand and to solve it by what he sees to be its necessary law.

To Algebra we assign three semesters, believing that so generous an allowance will enable the average student to be perfectly at home in the application of the principles. In Algebra, as in other subdivisions of this department, we design to teach the science rather than any particular text-book.

In Geometry the reasoning is kept constantly in the attention of the student as a chief thing without which he will simply acquire so many facts to be treasured in the memory.

Science.

The general policy in all work in Science is to make it of as much practical value to the student as possible, and with this in view laboratory work is done in all courses where it can be introduced profitably.

The course in Astronomy is purely elementary and in the main descriptive, being designed to give students an acquaintance with the principal facts of the history of the science and some knowledge of the heavenly bodies. The excellent reflecting telescope deposited with the college by Judge Chase, of Ithaca, Mich., is of much service in this work.

Botany is required of the students of the Scientific course in the second semester of the third year. The time is mostly devoted in the laboratory to the study of the morphology and development of the higher seed-bearing plants and to the dissection of, description and naming of a number of typical forms. Some field work under the direction of the teacher in charge is required.

The aim in teaching Elementry Physics is to combine the recitation and the laboratory method. A good text-book is put into the hands of the pupils. Accompanying the recitation, general experiments are given to illustrate the principles of the science. The student is then admitted to the laboratory and performs a series of experiments, making his own measurements and computations and entering them in his laboratory note book. This note book is a part of the permanent results of the study for which credit is given.

Geology is required in the first semester of the third year of the Scientific course The object of the study is to give the students who take it some knowledge of the elements of the science, and to show them how the earth has reached its present condition. The work is designed to be observational in its character, but a text-book is used as a guide and to furnish facts not otherwise easily accessible to the student.

Physiography is required of all students in the first semester of the fourth year.

General Chemistry is required of all students, except classical, in the fourth year, second semester. The work is done mainly in the chemical laboratory and is supplemented

by lectures and text-book work. The text used is "Newell's Experimental Chemistry." The work is quantitative throughout, and is of such a nature as to give data from which the student may himself derive the more important laws governing chemical reaction. Students are required to make careful written record of facts observed and drawings of apparatus used and to write all reactions.

English.

The work has two aims: First, acquaintance with and love of good literature; second, expression of thought in direct, simple prose.

I. Grammar from the standpoint of composition. Reading from American authors: Irving's Sketchbook, selected poems from Bryant, selected poems from Holmes, Longfellow's Evangeline or Miles Standish, Whittier's Snowbound.

II. English Composition, Readings from English authors. Sir Roger de Coverley papers, Lady of the Lake, Ivanhoe.

III. Gayley's Classic Myths and related literature, Tennyson's Idyls of the King, story writing.

IV. Study of a number of Shakespeare's plays, and of such short poems and essays as will give an historical view of English and American literature. Weekly themes based upon the works read.

History and Civics.

The Academy aims at furnishing its students as large an opportunity for acquiring a knowledge of these subjects as is consistent with the claims of other studies. A year is given to English History, a year to General History, a semester to Greek and Roman History, and a semester to Civil Government. The courses in History are designed for giving a thorough knowledge of the outlines of the subject and for laying a broad structure for subsequent historical study.

French and German.

From the beginning the languages are spoken in the class-room. Elementary Grammar is studied, including declensions and conjugations, and translations of English exercises are required every day. Stories are read, translated and made the basis of conversation, and short poems are memorized. In the German class the German script is required.

English Bible.

The following courses are offered:

I. Jewish Social Life, including the education of children, home life, marriage and funeral customs, traveling, trade, the synagogue and its worship, and whatever else in the social life of the people is calculated to throw light upon the Scriptures.

II. The Geography of Bible Lands in its connection with the history of the Chosen People.

III. Old Testament History from the beginning to the times of Ezra and Nehemiah.

IV. The books of the Bible; their authorship, the circumstances in which they were written, the purposes of the writers, and an outline of the contents.

V. OUTLINE OF THE COURSES OF STUDY.

FIRST YEAR.

First Semester.		*Second Semester.*	
Latin, Lessons	5	Latin Lessons	5
English Grammar, American Classics, Composition	5	English Grammar, American Classics, Composition	5
History of England	3	History of England	3
Arithmetic	4	Elementary Algebra	4
Jewish Social Life	1	Bible Geography	1

SECOND YEAR.

First Semester.		*Second Semester.*	
Cæsar, Book I	5	Cæsar, Books II, III, IV	5
Elements of Rhetoric, English Classics, Composition	3	Elements of Rhetoric, English Classics, Composition	4
General History	3	General History	4
Civil Government	3	Higher Arithmetic	4
Elementary Algebra	4	Study of O. T.	1
Study of O. T.	1		

THIRD YEAR.

Classical Course.

First Semester.		*Second Semester.*	
Cicero—Three Orations	5	Cicero; Ovid	5
Greek Lessons	5	Greek Lessons	5
Higher Algebra	3	Higher Algebra	3
Natural Philosophy	4	Natural Philosophy	4
English Classics, Composition, Declamations	2	English Classics, Compositions, Declamations	2
Study of O. T.	1	Study of O. T.	1

Scientific Course.

First Semester.		*Second Semester.*	
German or French	5	German or French	5
Geology	4	Botany	4
Higher Algebra	3	Higher Algebra	3
Natural Philosophy	4	Natural Philosophy	4
English Classics, Composition, Declamations	2	English Classics, Composition, Declamations	2
Study of O. T.	1	Study of O. T.	1

FOURTH YEAR.

Classical Course.

First Semester.		*Second Semester.*	
Æneid—Books I, II, III	4	Æneid; Ovid	4
Anabasis, Geography of Greece	5	Odyssey; Homeric Age	5
Geometry—Plane	5	Geom.—Solid and Spher.	5
English Literature	5	Greek and Roman History	3
Books of the Bible	1	English Literature	2
		Books of the Bible	1

Scientific Course.

First Semester.		*Second Semester.*	
French or German	5	French or German	5
Geometry—Plane	5	Geom.—Solid and Spher.	5
Physiography	4	Chemistry	3
English Literature	5	Greek and Roman History	3
Books of the Bible	1	English Literature	2
		Books of the Bible	1

The Philosophical Course is the same as the Classical with the exception of German and French in the place of Greek. The Literary Course substitutes German and French for the Latin of the Scientific Course.

Mining Engineering Course.

For the convenience of students intending to take the course in Mining Engineering at Houghton, the following course has been prepared, with the approval of the President of the Mining School, upon the completion of which students will be admitted to the Mining School without examination.

The first two years of the course are the same as those of the regular Academy courses.

THIRD YEAR.

First Semester.		*Second Semester.*	
Higher Algebra	3	Higher Algebra	3
German or French	5	German or French	5
Geometry	5	Geometry	5
English Classics, Composition	2	English Classics, Composition	2
Physics	4	Physics	4
Bible	1	Bible	1

FOURTH YEAR.

First Semester.		*Second Semester.*	
German or French	5	German or French	5
Trigonometry	4	College Algebra	4
Physiography	4	Book-keeping	4
English Literature	5	English Literature	5
Books of the Bible	1	Books of the Bible	1

The School of Pedagogy.

INSTRUCTORS.

JOSEPH W. EWING,
Pedagogics.
MRS. MARY D. PLUM,
Child Training and Kindergarten Training.
JAMES MITCHELL,
Applied Psychology.
KATE L. BOOTH,
Drawing.
MRS. JOSEPHINE ST. JOHN,
Vocal Music.
JAY CLIZBE,
English Bible.

I. OBJECTS AND ADVANTAGES.

The importance of an adequate preparation for the profession of teaching has led to the unifying of the work of pedagogical instruction in this institution under the title of the School of Pedagogy. The school is divided into three departments, viz: Pedagogics, Kindergarten Training and Normal Instruction, each of which is independent of the others, and yet has certain points of contact with them. Through this correlation the student secures very substantial advantages in the stimulus that comes from contact with workers whose aims are similar to his own, and in the clearer view it gives him of the place that his own work occupies in the field of educational effort.

All the rich opportunities for culture that a thoroughly equipped college affords may be utilized here by the members of this school. Among these may be mentioned classes in drawing and vocal music, lectures on special and general

topics, a fine library whose pedagogical section is especially rich in the latest works on pedagogy, a reading room on whose tables are found the foremost periodicals of a professional character, and well equipped laboratories for special work in science. A perusal of this Catalogue should convince the most skeptical that a course of training for teaching which is pursued in such an environment has the promise of most valuable results both in general culture and in special fitness for the work of training the young.

II. DEPARTMENTS AND COURSES OF INSTRUCTION.

Pedagogics:

The courses in this department are offered to the members of the Junior and Senior classes in the College. For the description of the work see page 28.

Kindergarten Training.

AIM.

This department aims to graduate earnest, intelligent and practical Kindergarten and Primary School teachers. Those intending to enter are expected to do so at the beginning of the College year, and, if possible, to be ready the first day.

REQUIREMENTS.

Applicants should be at least eighteen years of age; none under eighteen will be admitted unless by special permission. They should have had a high school course or its equivalent. Some ability to sing, good health, love for children, and general culture are essential.

Students are expected to observe and practice in the Kindergarten. When called upon to recommend students for positions, we must know from observation that they are competent to carry out in practice the theories of the classroom.

SPECIAL FEATURES.

A public school Kindergarten, conducted daily. Members of the training class are permitted to act not only as assistants under the Principal's supervision, but also as Director in her presence. Connecting class work is practically illustrated. Special emphasis is laid upon the great value of Kindergarten work as an educational and religious power in mission work.

Ten weeks' work in the Art School, vocal classes, special lectures by members of the College faculty, Kindergarten section in the library.

Kindergartners and others who wish to take a review, post-graduate or special work may enter at any time.

Normal Instruction.

This department offers a course of four years which, in addition to the academic work, includes professional instruction in History of Education, School Organization and Management, School Law and School Systems, Child Study and Theory of the Kindergarten. The instruction is thorough, comprehensive and practical, and gives ample preparation for securing a First Grade Certificate.

Students who furnish certificates of academic work done elsewhere may be admitted to advanced standing, and thus be able to complete the course in less than the prescribed time. A diploma will be given to those who finish the work of this department.

III. OUTLINE OF THE COURSES OF STUDY.

Pedagogical Course.

JUNIOR YEAR.

First Semester.		*Second Semester.*	
History of Education	2	School Management	2
Vocal Music	1	Child Study and Theory of Kindergarten	1
Drawing	1	Vocal Music	1

SENIOR YEAR.

First Semester.		*Second Semester.*	
Applied Psychology	2	School Law and School Systems	2
Principles and Methods of Teaching	2	Course of Lectures on Organization and Management of Schools	1

As supplementary to the course of study, four essays, a thesis and a course of reading on educational topics are required.

Kindergarten Training Course.

FIRST YEAR.

First Semester.		*Second Semester.*	
German (optional)	5	German (optional)	5
Psychology; Study of the Child	2	Psychology; Study of the Child	2
Educational History	3	Theory and Practice of Kindergarten Gifts	3
Theory and Practice of Gifts	2	Kindergarten Occupations	2
Kindergarten Occupations	2	History of Architecture	2
History of Architecture	2	Educational History	3
Study of Frœbel's Child Nature	1	Modeling	1
Physical Work	3	Physical Work	3
Bible	1	Bible	1
Program Class	1	Mythology	1
Chorus	1	Program Class	1
		Chorus	1

Ten weeks' work in Art department. Observation and practice in Kindergarten.

SECOND YEAR.

First Semester.		*Second Semester.*	
Frœbel's Mother Play	4	Frœbel's Mother Play	4
German (optional)	3	German (optional)	3
Sociology	3	Sociology	3
Education of Man	2	Education of Man	2
Analysis of Games		Primary Methods	1
Original Programs	1	Gymnasium Work	3
Gymnasium Work	3	Bible	1
Bible	1		
Program Class	1		

Daily practice and observation in Kindergarten.

A certificate will be given those who complete the first year of the course; a diploma to those who complete the whole course.

Normal Course.

FIRST YEAR.

First Semester.		*Second Semester.*	
Arithmetic	4	Elementary Algebra	4
Reviews	3	Reviews	5
History of England	3	History of England	3
Penmanship	2	English (see page 37)	5
English (see page 37)	5	Bible Geography	1
Jewish Social Life	1		

SECOND YEAR.

First Semester.		*Second Semester.*	
Elementary Algebra	4	Higher Arithmetic	4
General History	3	General History	4
Civil Government	3	Book-keeping	3
English (see page 37)	3	English (see page 37)	4
Reviews	4	Reviews	3
Study of the O. T.	1	Study of the O. T.	1

THIRD YEAR.

First Semester.		*Second Semester.*	
Higher Algebra	3	Higher Algebra	3
Natural Philosophy	4	Natural Philosophy	4
Geology	4	Botany—Lab. Work	4
Experimental Psychology	3	School Management	2
English (see page 37)	2	English (see page 37)	2
Vocal Music	2	Vocal Music	2
Drawing	1	Study of the O. T.	1
Study of the O. T.	1		

FOURTH YEAR.

First Semester.		*Second Semester.*	
Geometry	5	Geometry	5
Physiography	4	Chemistry—Lab. Work	3
Methods of Teaching	2	Theory of Kindergarten	1
English Literature	5	School Systems and School Laws	2
History of Education	2	Greek and Roman History	3
Books of the Bible	1	English Literature	2
		Books of the Bible	1

Commercial School.

M. A. CONNER,
PRINCIPAL.

MARY E. MILLER,
Assistant.

I. OBJECT.

The object of this school is two-fold, viz: To prepare young men and women for business life, and to train accountants and stenographers.

II. COURSES OF STUDY.

Three courses of study are provided, viz: Business, Accountant's and Shorthand.

III. DESCRIPTION OF COURSES.

The Business Course.

Business life requires a general education at least as extensive and thorough as a good High School course, besides special training in commercial studies. To meet this requirement, we have recently enlarged the Business Course to four years, making it equal to our Academy courses, but arranged with special reference to the needs of business men.

Book-keeping and business practice are taught on the business community plan. Each student enters at once into business relations with his fellows, buys and sells, handles cash, checks, notes, drafts and all other customary commercial papers, makes records of the transactions in the proper books ordinarily used in a variety of different kinds of business. Shipping, commission, wholesale and banking business are very closely imitated. Corporation accounting

is given much attention. Corporations are formed which issue certificates of stock, pay dividends, make assessments, sell bonds and transact business in the usual methods adopted by such companies.

For the description of other than commercial studies, see the Description of Courses in the Academy, pages 32-36.

The Accountant's Course.

This course gives special preparation for clerical positions, as bookkeepers, clerks, etc. Only those studies are included which have a direct bearing upon the work of the accountant. Students who have not had the other studies of the Business Course may elect to pursue them together with this course, in the Academy, during two years, without additional cost.

Commercial students have free use of our large library, and all other privileges of the regular college students.

The Shorthand Course.

This course prepares students for positions as amanuenses and reporters. Shorthand and Typewriting, like the other commercial studies are becoming justly popular, as they are in greater demand than ever before. Our students have the very best facilities for acquiring a thorough knowledge of Shorthand in the shortest time possible, with an up to date system. Graduation is conditioned on a speed of one hundred and twenty-five words per minute and general fitness for these callings.

The privilege of electing other studies is the same as in the Accountant's Course.

TYPEWRITING.

Typewriting is so closely associated with stenography that the College has recently purchased a number of new typewriters of standard style for the use of students. Students are directed to use the machines in the modern "Touch" method. Graduation is conditioned on a speed of fifty words per minute.

V. OUTLINE OF THE COURSES OF STUDY.

Business Course.

FIRST YEAR.

First Semester.		*Second Semester.*	
Book-keeping	5	Book-keeping	5
Commercial Arithmetic	5	Commercial Arithmetic	5
English	5	English	5
Commercial Geog.	3	Elementary Algebra	4
Penmanship and Spelling	4	Correspondence and Spelling	3
Bible	1	Bible	1

SECOND YEAR.

First Semester.		*Second Semester.*	
Book-keeping	4	Book-keeping	4
Commercial Law	4	Commercial Law	2
Elementary Algebra	4	Higher Arithmetic	4
English	3	English	4
Civil Government	3	Modern History	4
Ancient History	3	Bible	1
Bible	1		

THIRD YEAR.

First Semester.		*Second Semester.*	
Higher Algebra	3	Higher Algebra	3
German, French or Physics	5 (4)	German, French or Physics	5 (4)
English	2	English	2
Geology	4	Botany	4
Typewriting	3	Typewriting	3
Bible	1	Bible	1

FOURTH YEAR.

First Semester.		*Second Semester.*	
Book-keeping (review)	3	Arithmetic (review)	3
Geometry	5	Geometry	5
French, German or Physiography	5 (4)	French, German or History	(5) 3
English	5	English	2
Bible	1	Chemistry	3
		Bible	1

Accountant's Course.

First Semester.		*Second Semester.*	
Book-keeping	10	Book-keeping	10
Commercial Arithmetic and Rapid Reckoning	5	Commercial Arithmetic	5
Penmanship and Spelling	4	Correspondence, Spelling and Penmanship	4
Commercial Law	4	Commercial Law	2
Typewriting	2	Typewriting	2
Bible	1	Bible	1
Commercial Geog.	3		

Shorthand Course.

First Semester.		*Second Semester.*	
Shorthand	5	Shorthand	5
Penmanship	4	Correspondence and Penmanship	4
English and Spelling	4	English and Spelling	5
Typewriting	5	Typewriting	5
Commercial Law	4	Commercial Law	2
Bible	1	Bible	1

The School of Music.

INSTRUCTORS.

JENNIE E. WAGNER,
PRINCIPAL.
Pianoforte, Harmony and Theory.

MRS. JOSEPHINE ST. JOHN,
ASSOCIATE PRINCIPAL.
Voice Culture.

HERBERT A. MILLIKEN,
Violin.

ROSE MESSINGER,
Pianoforte.

GERTRUDE WHITING,
Accompanist.

Three courses of study are offered: Pianoforte, Voice Culture and Violin. Upon the completion of any of these courses with satisfactory public performances, a diploma will be given.

I. Pianoforte Course.

In the study of the pianoforte, while care is taken that the student shall have a thorough foundation in technique, great stress is laid upon the expression of musical thought and the cultivation of a good style, that the works of the masters may be rendered with intelligent interpretation.

This course is divided into five grades, the time of completion of which will depend upon the talent and application of the pupil. Harmony, Theory and Musical History are required.

Certain studies are required for all students, but there are many works that may be essential for one student and not at all necessary for another.

The following list is an outline of studies indicating the standard of technical difficulty.

GRADE I.

PREPARATORY.

Emery's Foundation Studies; Loeschhorn; Mathews; Selected Studies, Heller; Preparatory Exercises, Schmidt; Hand Culture.

GRADE II.

Loeschhorn, op. 52, op. 66; Mathews; Heller; Practical Finger Exercises, Czerny; Twelve Little Preludes, Bach; Sonatinas, by Clementi and Kuhlau.

GRADE III.

Mathews; Cramer; English Suite, Bach; 40 Daily Exercises, Czerny; Sonatas by Mozart.

GRADE IV.

Cramer; Studies for the Left Hand, Tappert; Inventions, Bach: Selections from op. 740, Czerny; Sonatas and pieces by Mendelssohn, Beethoven, Chopin and others; Octave Studies, Kullak.

GRADE V.

Czerny, op. 740; Gradus ad Parnassum, by Clementi; Preludes and Fugues from the Well-Tempered Clavichord, by Bach; Studies by Moscheles, op. 70; Kullak, Octave Studies, Book II; Sonatas, and other solo works, by Beethoven, Chopin, Schumann, Liszt and Mendelssohn.

II. Vocal Course.

This course comprises Vocal Culture, Harmony, Theory, Musical History and Pianoforte grades I and II.

The vocal work is divided into five grades, corresponding to the pianoforte course; but no definite time is fixed for the completion of any grade of the course, as the talents and application of the student determine the rapidity of his progress.

The purpose of this department is to cultivate the art of singing physiologically and æsthetically. At the same time something beyond mere technical skill is arrived at, in that a musicianly style of singing, together with an appreciation of and ability to render the works of the great masters is earnestly striven for. The Orgeni method, developed from the Lamperti and the Viardot Garcia systems of instruction, is used.

GRADES I AND II.

The different actions of the vocal chords throughout the various registers are established and the same carefully blended. Diaphragmatic breathing is thoroughly grounded; technical exercises to be sung mezzo de voce are given for the purpose of producing purity of tone and acquiring a good legato and flexibility. Solfeggi from Scharfe's first book; Sieber's Elementary Vocalises. Marchesi's op. 5.

GRADES III AND IV.

The natural purity, richness and range of the voice are carefully extended, enunciation and intonation are thoroughly considered. Vocalises and Solfeggi during the work in these grades are taken from Sieber, op. 129 to 143 inclusive; Marchesi, op. 6; Concone, op. 10; and Scharfe's Second Book. Ballads and songs are used extensively. Practice in ensemble, in duet, trio, quartet, choir and chorus is furnished.

GRADE V.

In this grade artistic development in regard to tone in sostenuto and pianissimo is carried on, the range of the voice is carefully extended and accuracy and brilliancy in technical execution are further advanced. Vocalises are taken

from Scharfe's Book III, Concone's op. 12; Righini's, Marchesi's, op. 7: Bordogni's Studies for phrasing and flexibility. A repertoire of church and concert music is prepared. Arias from the operas and oratorios are studied. Ensemble singing is continued.

III. Violin Course.

This course comprises the study of the Violin, Harmony, Theory, Musical History and Pianoforte, grades I and II.

Ensemble playing is made a special feature. Pupils have the privilege of participating in duets, trios, quartets, rehearsals of the string orchestra class and the pupils' recitals which are given at intervals during the year.

GRADE I.

Easy exercises, studies and pieces. Intervals, embellishments, etc.

GRADE II.

Diatonic and Chromatic scales in all positions, bowing exercises, intervals. Selected solos of Dancla, DeBeriot, and others.

GRADE III.

Intervals. Bowing exercises. Studies by Kreutzer and Alard (op. 16). Violin Sonatas by Haydn, Mozart, Schubert, etc.

GRADE IV.

Remainder of Kreutzer studies (Nos. 30 to 40); exercises by Leonard and Schradieck. Rode's 24 Caprices. Bow studies by Meerts. Violin Sonatas by Beethoven, Schumann, Grieg and others. Concertos by Viotti, Rode and Kreutzer. Pieces of classic and modern form.

GRADE V.

Studies by Dont and Paganini. Concertos by Spohr, Mendelssohn, Beethoven. Brilliant concert solos by DeBeriot, Bazzini, Wieniawski, Vieuxtemps, and others. Playing at sight of first violin part of Beethoven's String Quartets.

Sight Singing.

A class in the rudiments of musical notation and reading music at sight is conducted during each year. It is open to all students of the college. Special classes of three or four will be formed for more thorough and extensive work.

Ensemble Singing.

The Choral Society prepares for public performances choruses, cantatas and selections from the operas and oratorios. It is open to all students. Entrance tests as to quality of voice and ability to read music are required of all.

Harmony, Theory and Musical History.

Classes in these subjects are open to students who have entered upon the third grade.

Harmony—two years.

Theory—one year.

Musical History (without extra tuition)—one year.

Frequent reviews and tests are required, and examinations are given at the end of each semester. Candidates for graduation are required to pass a satisfactory examination in all of these subjects.

Recitals.

In addition to the faculty recitals, artist recitals are given during the year.

By means of the pupils' recitals and numerous entertainments, an abundant opportunity is given the pupils for public performance.

These recitals, with the exception of the artist recitals, are free to all students.

Pianoforte Ensemble Class.

Advanced pupils in pianoforte are admitted to the Ensemble Class which meets once a week to study the Beethoven Symphonies.

Orchestra.

The students of the violin department, assisted by several resident players, have formed the college orchestra. Weekly rehearsals are held during the winter and spring months under the direction of Mr. Milliken.

Mandolin and Guitar.

An instructor has been secured for those who desire to study either the mandolin or guitar. The students of this department are expected to become members of the college mandolin club as soon as their ability permits.

Miscellaneous Items.

The study of the modern languages is recommended in connection with the musical studies. The musician who is educated broadly is the type in demand to-day.

Music students are allowed to take language study to the extent of five hours per week without extra charge.

No student of the department will be allowed to take a musical part in a public performance without the permission of the teacher with whom he is studying.

No deductions will be made for lessons missed except in case of protracted illness. In such case, the college will share the loss equally with the student.

The department furnishes a library of well-chosen music, to which all students have access.

The School of Art.

KATE L. BOOTH,
PRINCIPAL.

I. OBJECT.

The object of this School is to develop the power of observation, and to train the eye and hand to produce what is seen:

First, by a thorough study in black and white from various models, casts, etc.

Second, by studies in still life, preparing for more advanced work in sketching from nature and life.

The School is furnished with a good assortment of casts, a large addition having been made in recent years. A kiln for the firing of china has also been provided, which further increases the efficiency of the Decorative Department.

II. COURSES OF STUDY.

FIRST YEAR.

Elementary principles of Drawing and Perspective in Pencil and Charcoal.

Drawings from Objects and Casts.

Sketching from Nature in Charcoal and Water Colors.

SECOND YEAR.

Sketching and drawing from Still Life.

Grouping and Composition.

THIRD YEAR.

Sketching from Life in Pencil and Charcoal.

Study from Nature continued.

FOURTH YEAR.

Painting from Life and Nature exclusively.

The class in sketching from Nature is continued throughout the spring and fall, as the season permits. This branch of the department, as well as sketching from life, receives special attention.

The work of the pupils will be on exhibition during Commencment Week.

It is especially desired that all students entering for a course in Art should be present at the opening of the semester.

General Information.

Suggestions to Applicants for Admission.

The requirements for admission to the College are presented on pages 7–10; to the Academy, on page 31. For an understanding of the nature and scope of the courses of study of the College, the applicant should study the description of the courses given on pages 15–29. The table of contents at the end of this Catalogue will direct him to the page on which each subject is treated.

New students should arrive on Saturday or Monday before the opening of a semester, so as to conclude all necessary arrangements. A list of rooms and boarding places may be consulted at the College office in the main building. Lady students may repair directly to Wright Hall and consult the Dean with regard to matters of personal interest.

Letters of inquiry may be addressed to the President or the Dean of Wright Hall.

Admission and Dismission.

Applicants for admission to any department of the institution will first report to the President for registration. They must present testimonials of good character, and

those who are from other institutions of learning must furnish certificates of standing and honorable dismission. If they desire to enter any of the College courses, they will then report to the Registrar; if any of the schools, as Art, Music, etc., they will report to the Principal of the school. Those who do not bring diplomas or certificates from accredited schools will then be sent to the different instructors for examination. As soon as the candidate is informed of his admission, he will repair to the Secretary of the College and pay his first semester's bill.

All students admitted to the institution will be on probation for the first three months. If during this period a longer stay is by the Faculty deemed unadvisable in the case of any student, he may be so informed privately and permitted to withdraw.

Any student may, at any time, be privately dismissed if the Faculty deem his further connection with the institution undesirable.

Any student against whom there are no unpaid bills nor charges of misconduct is entitled to an honorable dismission.

Studies and Examinations.

No student may take up a study out of the order prescribed in this Catalogue, or drop a study once entered upon without the consent of the Faculty.

No College or Academy student is allowed to take more than nineteen hours of class-room work weekly, without permission of the Faculty.

Examinations are held at the close of each semester and at intervals during the semester at the discretion of the instructors. The results of the semester examinations are reported to parents and recorded for future reference.

If at any examination the standing of a student is unsatisfactory, he shall be duly informed and notice may be sent to his parents or guardians. If there be no improvement, the student may be dismissed from college.

Conditions must be removed within one year from the time of the examination.

Degrees and Certificates.

The degree of Bachelor of Arts is conferred upon graduates from the Classical Course; that of Bachelor of Philosophy upon graduates from the Philosophical Course; that of Bachelor of Science upon graduates from the Scientific Course; and that of Bachelor of Letters upon graduates from the Literary Course.

A second degree in any one of the above mentioned courses will be conferred only on graduates of two years' standing who shall have pursued advanced studies under the direction of the Faculty, and given satisfactory evidence of adequate attainments.

Students who complete the prescribed course in the Academy, the Pedagogical, the Commercial, the Music or the Art School will receive certificates of the fact.

Courses and Credits.

A "course" is five recitations of an hour in length per week for one semester. Twenty-seven such "courses," including one exercise per week in rhetorical work, are required for graduation.

College students are credited in this Catalogue with the number of hours completed at the end of the first semester of the year 1901–1902.

Location and Advantages.

The flourishing village of Alma is situated in Gratiot county, about thirty-nine miles west of Saginaw, and very near the geographical center of the lower peninsula. Its location at the junction of the Pere Marquette and the Ann Arbor railroads renders it easily accessible. The town has good sewerage and an excellent system of water works,

and experience proves that it is exceedingly healthful. The moral tone of the community is high, its church privileges abundant and its public school system fully organized and efficient. Those who have children to educate and who desire to surround them with the influences of home life will make no mistake in choosing Alma as a place of residence.

College Buildings.

Of these there are at present six: the main building, Wright Hall, the Library, the Museum, the Gymnasium, and the Men's Dormitory.

The main building contains the college office, chapel, recitation rooms, laboratories, rooms for the Art and Music schools, and halls for the Zeta Sigma and Phi Phi Alpha literary societies.

Wright Hall, the new home provided for the young ladies bythe munificence of Ammi W. Wright, is the latest addition to the structures on the campus, and in architectural appearance and adaptation to its purposes is unexcelled by any building of its kind in the country. It is built of paving brick trimmed with stone, and is four stories in height above the basement which is of field stone. The interior finish is very pleasing and the arrangements for the comfort of the occupants are complete. Great care will be taken to surround this noble edifice with a fitting setting of green sward, shubbery and trees that it may typify to coming generations of college students the ideal college home..

The Library Building contains the stack room, with shelving for 20,000 volumes, the large and well-lighted reading room and the librarian's office. It is built of red brick trimmed with stone, is handsomely finished in hardwood, and in all respects is well adapted to its particular uses.

The Gymnasium Building contains the Founders' room, the Kindergarten room, the Gymnasium and a locker and bath room. The room occupied by the Kindergarten de-

partment is large and well-lighted, and in other respects well arranged for both school and recitation purposes. The Gymnasium occupies the entire upper floor of the edifice, and with its equipment of apparatus, the generous gift of Mr. John W. S. Pierson, of Stanton, Michigan, furnishes adequate facilities for athletic training. Here, during the winter months, daily classes in physical culture offer to all the opportunity for that systematic training of the body which is so necessary to the health of the student.

The Hood Museum of Natural History, the gift of Mrs. Francis Hood and Frank Hood, of Saginaw, Michigan, was finished and dedicated in June, 1900. It is built of rock-faced paving brick, trimmed with red sandstone. It is two stories and a basement in height, with slate roof, and is one of the finest structures on the campus.

To the young men who prefer dormitory life Alma College offers ample facilities in the dormitory for men, for which purpose the former Ladies' Hall will be re-modeled and provided with all modern conveniences, including baths and electric lights. Rooms for forty students occupy the second and third floors, while the reception room and the hall for the use of the Y. M. C. A. are conveniently located on the first floor to serve the social and religious needs of the men students. The matron will have the care of the building and rooms, which will be furnished with bedstead, springs, mattress, chairs, table, book-rack and commode. The occupants of a room must furnish the necessary towels, sheeets, pillow-slips and blankets or comforters and meet the expense of laundering the same. Each student upon engaging a room in the dormitory shall make a deposit of $5.00 to secure a room and also to meet any damages which may thereafter be assessed against him as occupant. In case the room is not taken the deposit will be returned, provided due notice is given at least one month before the opening of the college year. A deposit of fifty cents shall be made by each student for his room key, which will be re-

funded when the key is returned. The charge for rooms will be $1.00 per week for each of two occupants, and for a single occupant $1.50 per week.

These buildings, with the exception of the museum, are heated by steam from a central lighting plant.

The Libraries.

The Libraries of Alma College comprise:

(1) The General Library.

(2) The Pollasky Law Library.

(3) The Lucy Plum Mitchell Library of History and Political Economy.

(4) The Sarah H. Lancashire Library.

(5) The Arthur Hill Library of Lincolniana.

The libraries contain 17,853 volumes and a valuable collection of pamphlets.

The collection embraces a great variety of works in Classical, English and Foreign Literatures, in Biography and History, in the various Sciences and Arts, and is exceptionally well furnished with encyclopædias and complete sets of American and European reviews. They are classified and arranged according to the Dewey system, and an index of authors, titles and subjects places the contents of the Library at the command of all who are in search of information upon any subject.

Immediately adjoining the Library Room is the Reading Room, supplied with cases of reference books and the leading journals and periodicals of this country and England.

The Law Library, the gift of Marcus Pollasky, of Detroit, Mich., consisting of 782 volumes and occupying a separate alcove, is, during library hours, accessible to members of the bar, who are cordially invited freely to avail themselves of its privileges.

The Library of Lincolniana, the gift of the Hon. Arthur Hill, of Saginaw, fills a large case in the Reading Room.

Both the Library and Reading Room are open every

week-day during the term from 9 a. m. to 12 m., and from 1:30 p. m. to 5 p. m., with the exception of Saturday, when the hours are from 1:30 p. m. to 5 p. m.

Students may examine and use the books and periodicals during library hours, and may draw one book at a time to be taken away and returned in one week, and, if renewed, one week longer. All other persons are allowed to use the Library and Reading Room freely, and on payment of an annual fee of $1.00 are permitted to draw books on an equal footing with the students. Transient visitors in town are charged twenty-five cents per month. Resident ministers of the gospel and their families are permitted to draw books free of charge.

We gratefully acknowledge gifts of books and magazines from: Rev. R. H. Steele, Detroit; Prof. C. A. Davis, Ann Arbor; Rev. F. Z. Rossiter, Plainwell; Mrs. F. C. Stone, Saginaw; Mrs. Susan N. Loveland, Saginaw; Mr. Bryant Walker, Detroit; Mr. Eugene D. Conger; John F. Critchet; Philippine Information Society; J. E. Hammond, Lansing; Pedagogical Department; Classical Club, Alma College; Dr. A. F. Bruske, Alma; Miss M. C. Gelston, Alma; Mr. F. E. West, Alma; Mr. A. W. Wright, Alma; Mr. J. H. Plum, Indianapolis; Hon. Arthur Hill, Saginaw; Mrs. J. H. Lancashire, Alma; Mrs. Josephine St. John, Alma; Prof. J. W. Ewing, Alma; Rev. W. K. Spencer, Alma.

Francis A. Hood Museum.

At commencement, 1897, the Museum was formally opened in the east room of the ground floor of the Gymnasium Building. The installation of the collections in this place and the equipments of the Museum, had been made possible by the generous gifts of Mrs. Francis A. Hood, of Saginaw, and her son, in memory of Mr. Hood, to whom the Museum is dedicated. At Commencement, 1900, The Hood Museum was formally opened again, in the new building west of the Library, which will be wholly devoted to

its needs. This building has two large exhibition halls lighted in such a way as to give the largest possible space for the display of the collections. In the basement are store-rooms and laboratories for the preparation of specimens, making the building the most complete and convenient museum building in the state.

In this building it is hoped that the museum will become to students of science what the library is to students of literature and history, and it is proposed to make every specimen in it as accessible for study and comparison as the books in the library are.

The cases in use in the museum are built of oak, constructed on plans furnished by the U. S. National Museum, and are provided with adjustable shelves, dust and insect-proof doors, etc. At present the geological and mineralogical collections are the only ones systematically installed, but the re-arranging and installing of the other material will be carried on as rapidly as possible until it is all mounted and labeled in such a manner as to be of the best possible use and interest to the students and to the general public.

The collections of the College are:

(1) The Stillwell collection of Michigan birds and animals.

(2) The W. S. Crawford collection of birds.

(4) The Shroyer-Wilcox collection of palaeozoic fossils.

(4) The Alexander Winchell collection of rocks, minerals and fossils.

(5) The general biological collection.

(6) The general geological and mineral collection.

The Stillwell collection was made by a former resident of Alma, most of the specimens being collected in the vicinity of the College and representing some species now extinct or very rare for this locality. It numbers nearly 300 specimens and was obtained by purchase.

The W. S. Crawford collection was made by the donor in various parts of the United States, and has a variety of rare specimens of birds from Florida, Arizona and Michigan.

The Shroyer-Wilcox collection is a systematic collection of about one thousand species and many thousand individuals of palaeozoic fossils, those of the Cincinnati group of rocks being especially well represented. It is valuable as a supplement to the other collections of fossils in the museum. It was acquired by purchase.

The Alexander Winchell collection is the largest and most valuable as well as the most recent acquisition of the museum. The collection is that gathered by Professor Winchell during his long and active life as geologist and teacher, and contains over 6000 specimens, many of which were collected in Michigan by Dr. Winchell and described by him. These type specimens have an especial scientific value. As soon as the cases now building are finished, this collection will be installed. It was presented by friends.

The general biological collection contains representative vertebrate and i vertebrate animal material, most of it yet to be arranged for exhibition, which has been collected during the history of the college. It will occupy the upper hall of the museum. It is estimated to contain 2000 specimens.

The general geological and minerial collection is installed in the east end of the lower hall of the museum and numbers 2500 specimens. It has been obtained largely by small gifts from numerous friends.

Specimens have been added to the museum during the year by the following donors and the gifts are gratefully acknowledged: Mr. and Mrs. C. H. Davis, Saginaw; Rev. T. R. Easterday, Sault Ste Marie; Mr. Frank Hood, Saginaw.

Laboratories.

The equipment of the Physical Laboratory is ample for experimentation in Mechanics, Hydrostatics, Light, Heat, Sound and Electricity. The Laboratory is supplied with gas, water, tables, and other appliances, which add very materially to its facilities for scientific work.

The Biological Laboratory is furnished with all necessary apparatus for thorough practical work. The equipment

consists of a sufficient number of compound and simple microscopes, section instruments and micro-re-agents, and such other accessories as are required.

The Chemical Laboratory now occupies the entire basement of the east wing of the recitation hall. This nearly doubles the laboratory space, and will give much needed rooms for students in quantitative and special courses.

The General Laboratory is fitted up with tables, apparatus and chemicals, and will, as arranged at present, accommodate twenty-four students. Each desk is supplied with gas and water under pressure, re-agents and necessary apparatus. Particular attention has been given to procuring apparatus for hastening tedious processes as much as possible, and to convenience of arrangement. Ventilating hoods have been placed over the tables, and much improved ventilation is the result.

The Quantitative Laboratory is provided with fine balances, combustion and crucible furnaces, etc.

The Chemical Department also possesses a fine spectroscope and a sufficient amount of miscellaneous apparatus for thorough practical work.

WRIGHT HALL.

MARY LOUISE ALLEN,
DEAN.

MISS T. ALBERTSON,
MATRON.

Wright Hall, the gift of Mr. A. W. Wright, is one of the most complete college dormitories in the country, and has accommodations for one hundred young women. It is heated throughout with steam, is lighted by electricity, has hardwood floors, and contains a spacious reception hall, parlors and dining-room on the first floor, attractive rooms for the literary societies, commodious bath rooms, fitted with porcelain-lined tubs—in fact all has been planned for the health and comfort of the students.

It is desirable that all should be members of the family at Wright Hall, which is under the immediate supervision of the Dean who is directly responsible for the government of the young women. She will assign them their rooms and have the general supervision of their personal habits.

Any young woman wishing to enter the institution should make application to the Dean by letter at an early date, giving age and acquirements and stating wishes as to room, course of study, etc.

Girls under sixteen years of age will not be received, except by special arrangement.

Parents and guardians are invited to communicate freely with the Dean touching the interests of their daughters and wards, thus enabling her to understand and meet the peculiar needs of each student.

Young women wishing to room outside of Wright Hall are required to obtain permission to do so from the Faculty.

At the time of application for admission a deposit of $5 must be made by each student in order to secure a room. This sum will be credited on the first semester's bill or will be refunded if the student decides to withdraw, provided notice is sent a month before the beginning of the college year.

The rooms are single or arranged in suites and are furnished with enameled couch bed and springs, felt mattress and pad, pillow, oak dresser, wash-stand and crockery, study table, book-case, chairs and window shades. Each student is expected to furnish her own towels, two pairs of of sheets and pillow-slips, blankets or comforts, rug and such conveniences and adornments as may be desired.

The price of rooms ranges from $18 to $36 a semester, according to size and location, the most of them being $22.50 and $27 a semester. A deposit of fifty cents is required for keys, which is returned on surrender of the keys.

An extra charge is made for meals sent to rooms.

In case of serious or extended illness, the student will be

removed to the sick room; the expense of which is $1.00 per week. When a nurse is necessary, the expense will be charged to the parents.

Table board in Wright Hall is $2.25 per week. This price may vary as necessity requires.

Davis Field.

By the generosity of Charles H. Davis, Esq., of Saginaw, the College has been put in possession of an athletic field worthy of the donor and of the College. The ground is a part of the campus, has an extent of four acres, and is a perfect square. The money in hand will enable us to grade it perfectly, put a cinder track around it, within which will be a base ball diamond, foot ball grounds and tennis courts. Some more money will probably be needed for a fence and grand stand.

Terms and Vacations.

Three terms comprise the college year.

A fall term of fourteen weeks, followed by the holiday vacation of two weeks.

A winter term of twelve weeks, followed by a vacation of one week.

A spring term of twelve weeks, followed by the summer vacation of twelve weeks.

For the purpose of instruction and examination, the year is divided into two semesters of eighteen weeks each.

For the dates of the opening and closing of terms and semesters, see Calendar at the beginning of this Catalogue.

Religious Exercises.

All students are required to attend weekly exercises for the study of the Bible, devotional exercises daily in the college chapel, and public religious worship on Sunday morning. Unless request is made to the contrary by parents or guardians, all students will attend worship at the Presbyterian church.

Religious Societies.

Young Men's and Young Women's Christian Associations have been maintained during the entire history of the College. The object of these Associations is to promote growth in grace and Christian fellowship among their members, and aggressive Christian work, not only by and for students, but in the whole community; to train young men and women for active Christian service, and to lead them to devote their lives to Jesus Christ. To this end Bible classes, Sunday schools, and a volunteer band for mission work are maintained. Union prayer meetings are held on Wednesday evenings and separate prayer meetings on Sunday afternoons. These are well sustained and productive of great good.

The Associations issue an annual hand-book which contains a large amount of information especially valuable to new students. On their arrival new students are met, warmly welcomed, made to fell at home, and assisted in every possible way by representatives of these Associations.

Literary Societies.

Five literary societies are in active operation; the *Zeta Sigma and Alpha Theta*, for the College students; the *Phi Phi Alpha* and *Philomathean*, for both College and Academy students; and the *Frœbel Club*, for members of the Kindergarden Department. The *Zeta Sigma* and *Phi Phi Alpha* are conducted by the young men; the *Alpha Theta*, and *Philomathean*, by the young women. The aim of these societies is the development of a correct literary taste and power of precise and ready expression.

These societies have been organized with the approval of the Faculty and are under its general care.

Classical Club.

A Classical Club has been maintained during the past three years under the immediate supervision of the pro-

fessors of Greek and Latin. The aim of this club is the promotion of an interest in Archæology and Classical Literature. The club is open to members of College classes in Greek and Latin, and holds its meetings once in two weeks.

Science Club.

The Science Club was organized in 1900, for general scientific research and for the study in particular of the plants, animals and geology of the region in which the College is located. Regular monthly meetings are held during the college year.

The Glee Club.

The Glee Club is an organization which gives opportunity for practice in Glee singing and quartet work. A new feature of the work this year was a short concert tour made by the club. The practice of ensemble singing and of public performance is of great practical benefit to the student.

Aid for Students.

The sons and daughters of home and foreign missionaries are granted free tuition.

Students preparing for the ministry of the Presbyterian church can usually receive aid from the Board of Education to the amount of $80 per year.

The interest of students of limited means are in charge of a committee of the Faculty on aid to students, which will carefully administer any funds that may be placed in its hands for this purpose.

A number of students can usually find employment in the village or in connection with the College. As a rule, no student who comes here prepared to do faithful work need fail of securing an education for lack of means.

Permanent Scholarships.

About eight years ago a beginning was made in a kind of investment not new to other Colleges. By reference to another page of the Catalogue it will be found that the regular charge with us for the year is $32, which includes incidental expenses. If a deserving person is assisted to that amount, the privileges of the College are absolutely free to him. He will then have to meet only the regular expenses of living. To many, such an amount of help means the only open door to an education. By investing $500 at 6 per cent. this is secured. Both churches and individuals have therefore been urged to found such scholarships by the gift of $500. We already have *twenty-one* permanent scholarships and *ten* annual. We greatly need one hundred more and we hope that the generous people of Michigan will give us these at an early date.

The Saginaw First Church Scholarship, with an income of thirty-two dollars a year, was founded in 1894 by a gift of five hundred dollars from the First Presbyterian Church of Saginaw, W. S. The nomination to this scholarship is in the gift of the session of the church donating it.

The Marian Plum Scholarship Fund of five hundred dollars was given in 1895 by J. H. Plum, Esq., of Indianapolis, Indiana. The annual income of thirty-two dollars is paid to a student in avowed need of beneficiary aid, of unexceptionable character and high rank in scholarship.

The Laurense Scholarship was established in 1895 by an endowment of five hundred dollars from Leonard Laurense, Esq., of Detroit. The income of this scholarship is given to an indigent and worthy student elected by the session of the Memorial Presbyterian Church, Detroit.

The Mrs. Colvin Scholarship, which, when completed, will have a foundation of five hundred dollars, is the gift of C. A. Colvin, Esq., of South Saginaw. The annual income is awarded to a deserving and needy stndent who has shown evidence of proficiency in his studies.

The Thomas Merrill Scholarship, being the income of a fund of five hundred dollars, was founded in 1895 by Thomas Merrill, Esq., of Saginaw, and is given each year to a college student who has shown good standing in character and scholarship.

The Memorial Presbyterian Church Scholarship is the gift of Rev. David M. Cooper, D. D., of Detroit. It has an endowment of five hundred dollars, the annual income of which is awarded to a student elected by the Memorial Church, with the advice and consent of the President of the College.

The Martha P. Seeley Memorial Scholarship was established in 1895 by John M. Seeley, of Caro, Mich., in memory of his wife. The income of a fund of five hundred dollars is assigned to a College student each year on the ground of high character and approved scholarship.

The Harry G. Kelton Memorial Scholarship of five hundred dollars was given in 1897 by John M. and Mary E. Kelton, of West Bay City, Mich., in memory of their son, Harry. The yearly income of thirty-two dollars is awarded to some needy and worthy student of high character selected by the session of the Westminister Presbyterian Church, West Bay City.

The Charles D. Chatfield Memorial Scholarship, with a fund of five hundred dollars, yielding an annual income of thirty-two dollars, is the gift of Clarence B. Chatfield, Esq., of Bay City. The incumbent must be an earnest and diligent student of high character and good ability.

The Heartt Scholarships, five in number—one a memorial of Mrs. Heartt—having together an endowment of two thousand five hundred dollars, were established by our generous friend, Mr. William H. Heartt, of Caro, Mich. The annual income of one hundred and sixty dollars is devoted each year to the support of five poor and meritorious students.

The Lucy Plum Mitchell Memorial Scholarship, established May 20, 1898, by Prof. James Mitchell, in memory of his wife,

Lucy Plum Mitchell, consists of the income of a gift of five hundred dollars, assigned each year to a deserving student of small means to be selected by the donor with the advice and consent of the President.

The Edith M. Davis Scholarship, founded in 1898, and endowed with five hundred dollars , is the gift of Mrs. Charles Davis, of Saginaw. The nomination to this scholarship is in the gift of the First Presbyterian Church of Saginaw.

The Lull Scholarship was founded in 1898 by a gift of five hundred dollars from Albe A. Lull, Esq., of Pontiac, Mich. The annual income is given each year to some needy and worthy student.

The Lewis Penoyer Memorial Scholarship was founded in 1898 by Mrs. Emeline Penoyer, of Saginaw, in memory of her husband, Lewis Penoyer. The annual income from five hundred dollars is given each year to a student of high character and good scholarship, selected by Chauncey M. Penoyer, of Saginaw, with the approval of the President.

The J. Albert Trompour Scholarship was founded March 6, 1899, by David A Trompour, of Bay City. The income of five hundred dollars is to be given each year to a worthy student of small means.

The D. B. Perry Scholarship, established October 2, 1899, by D. B. Perry, Esq., West Bay City, consists of the income of five hundred dollars and is to be given each year to a deserving student of small means who shall be selected by the donor with the consent of the President.

Besides the permanent scholarships, annual scholarships yielding the same income as the permanent have been taken by the following:

The Presbyterian Church - - - - Albion.
" " " - - - - - Caro.
" " " - - - - Marquette.
" " " - - - - Midland.
E. T. Carrington, Esq. - - - West Bay City.

Mrs. Charlotte Carrington - - - West Bay City.
Mrs. Helen Gould - - - - - Saginaw, W. S.
W. F. Pierson - - - - - - Saginaw, E. S.
John W. S. Pierson, Esq. - - - - - Stanton.
Charles Handy - - - - - West Bay City.

Free Scholarships.

Seventy annual scholarships are divided between the College and Academy as follows: thirty of them give entrance to the College from accredited high schools having twelve grades, and forty admit to the Academy from accredited schools having eight to twelve grades, and from district schools having eight grades.

Remember that a free scholarship gives all the literary advantages of the College "without money and without price." No bills, except for laboratory and athletic fees, will be presented by the College to the student who holds one of these scholarships.

They are offered to young people of Michigan (men and women alike) upen these conditions:

(1) The student must have an average standing of 90 from the school in which he studied the previous year, or

(2) He must have stood at the head of his class.

(3) He must be a person of good moral character.

(4) He must satisfy the College that he is in need of such help.

Prizes.

The New Jersey Alumni Association Medals. These are given to those members of the Freshman class, one a gentleman and one a lady, who prove themselves best in the matter and manner of an oration and essay.

The Megaw Prizes for Delivery. To promote effective utterance in public, the Rev. Samuel Megaw, of Marlette, offers a first prize of $10.00 and a second prize of $5.00 to those students graduating from the Academy who prove most effective in the delivery of their graduating productions.

College Alumni Association.

President, - - - - - - James Mitchell, '93
Vice President, - - - - Louis S. Brooke, '96
Rec. Secretary, - - - - Ralph C. Ely, '92
Cor. Secretary, - - - - - Bertha Trask, '91
Treasurer, - - - - Kendall P. Brooks, '97

The Association was formed by the class of '91. It has had a vigorous growth, and has come to be regarded as an important and influential College organization. Its regular meeting is held on the Wednesday of Commencement week, which has been designated as "Alumni Day."

Alumnae Association of the Kindergarten Training Department.

President, - - - - Mrs. Edith Rhodes, '98
Vice President, - - Miss Hattie Woodward, '01
Secretary, - - - - Miss Edna Swigart '01
Treasurer. - - - Miss Bertha Stevens, '92

This organization has a large and enthusiastic membership and bright prospects for a useful future. Its fifth annual meeting will be held on Wednesday afternoon, June 18, 1902.

Expenses.

WRIGHT HALL.
Board, $2.25 per week, for the year $81 00
Room Rent, one in a room, for the year ..... $36 00 to 72 00
MEN'S DORMITORY.
Room Rent, one in a room, for the year 54 00
Room Rent, two in a room, for the year, each 36 00
COLLEGE.
Semester bill $16 00 for the year 32 00
ACADEMY.
Semester bill $8 00, for the year 16 00
COMMERCIAL SCHOOL.
Business course, semester bill $8 00, for the year 16 00
Accountant's course, semester bill $10 00, for the year..... 20 00
Shorthand course, semester bill $10 00, for the year 20 00

Accountant's and Shorthand combined, semester bill $15 00, for the year..... 30 00
Typewriter fee, per semester,..... 3 00

MUSIC SCHOOL.

Pianoforte, Voice, Stringed Instruments, each,
One 30 minute lesson a week, per semester..... 13 00
Two 30 minute lessons a week, per semester 23 00
Three 30 minute lessons a week, per semester..... 30 00
One 45 minute lesson a week, per semester 15 00
Harmony, Theory, per semester, each..... 5 00
Piano Forte ensemble, per semester, ... 5 00
Use of piano, one hour a day, per semester 4 00
Use of piano, two hours a day, per semester..... 6 00
Use of piano, three hours a day, per semester..... 8 00

ART SCHOOL.

Oil and China Painting, Water Colors, and Crayon Drawing:
Twenty-four lessons, per semester..... $12 00
Twelve lessons, per semester. 8 00
Charcoal and Perspective Drawing:
Twenty-four lessons, per semester..... 6 00
Twelve lessons, per semester..... 4 00
Single lessons, not in course..... 75
Use of rooms and models, three hours daily, per semester .. 3 00
Lessons are two and a half hours in length.

KINDERGARTEN TRAINING DEPARTMENT.

Semester bill, first year $25 00, for the year..... 50 00
Semester bill, second year $20 00, for the year 40 00

OTHER CHARGES.

Laboratory fee, Chemistry, per semester..... 5 00
Laboratory fee, Biology or Physics, per semester. 2 00
Diploma fee 5 00
Certificate fee. 1 00
Athletic fee, per semester,..... 1 00

REMARKS.

The sons and daughters of home and foreign missionaries are granted *free tuition.*

An athletic fee of $1.00 per semester is required of all students not taking Art or Music exclusively.

The books and material for the Kindergarten work will average about $9 per year.

Art and Music students are allowed to take Academic work to the extent of five hours a week without extra charge.

Charges in all departments must be paid by the semester in advance, and board at Wright Hall by the month in advance.

In the College the regular expenses for the year are $130 to $145; in the Academy, $120 to $130; in the Kindergarten Department, $140 to $150; in the Commercial School, $120 to $130. These amounts can be largely reduced through various forms of self-help.

General Principles of Conduct for All.

(1) Respect yourself.
(2) Have regard for the rights of others.
(2) Do nothing which you would be unwilling to have your parents know.

Form of Bequest.

ITEM—I hereby give and devise to Alma College, situated in Alma, Gratiot county, Michigan, the sum of ..... dollars.

The Catalogue of Students.

THE COLLEGE.

Candidate for Master's Degree.

Rev. J. D. Macdonald, course, History, - - Lapeer

Graduates in 1901.

Henry Peter Bush, Jr., Ph. B., - - Unionville
Carolyn Arnold Butler, A. B., - - - Alma
Winifred Faye Carl, A. B., - - Wyandotte
Donald Stewart Carmichael, A. B., - - Calumet
Amos Ralph Eastman, A. B., - Sorgoson, Luzon, P. I.
Daisy Leona Hard, Ph. B., - - - Alma
Harry Elmer Reed, A. B., - Sorgoson, Luzon, P. I.
Watson Bryant Robinson, A. B., - Vestaburg
Charles Wesley Sidebotham, A. B., - Parma
Winifred Grace Trapp, A. B., - - - Alma

Undergraduates.

Walter Redmond Ardis, lit., 14 - - - Evart
Lucius Saxton Bagley, sc. 93 - - - Alma
Kate Bair, cl., 49 - - - - - Alma
Claude Lee Baker, lit., 23 - - - Alma
William Raymond Baker, sc., 86 - - - Alma
Raymond Bangs, lit., 49 - - - Alma
Roy Beechler, sp., 12 - - - - Ithaca
Mae Bell, lit., - - - - National Mine
Martha Tarsney Blatz, lit., 15 - - - Saginaw
John Northrup Booth, cl., 104 - - - Alma
Wesley Bradfield, cl., 120 - - - Decatur
William Elton Brock, sc., 123 - - - Alma
Levi Jonathan Butler, sc., 11 - - Watrousville

William H. Caple, sc., - - - Alma
Orson Charles Chapman, ph., 22 - - Holt
Eleanore Smyles Christie, cl., 38 - Kinsman, O.
Millie B. Cuvrell, cl., 14 - - - - Alma
Marjorie Ward Dearing, ph., 17 - - Alma
J. Wirt Dunning, cl., 53 - - - - Holt
William James Ewing, cl., 114 - Glenwood, Minn.
Egbert Erven Fell, cl., 126 - - - - Alma
Margaret Ellen Fitz Patrick, lit., 72 - - Stanton
Pearl Fuller, sc., 83 - - - - Alma
Harold Garfield Gaunt, cl., 8 - - Vassar
Hildegarde Grawn, sp., 18 - - Mt. Pleasant
James Cameron Hartness, ph., 17 - - Marquette
Olive Blanche Hafer, cl., 22 - - - Alma
Carolyn L. Hastings, ph., 27 - - - St. Louis
Bessie Pauline Hazelton, cl., 90 - - Stanton
Arthur James Helmer, sc., 67 - - Parma
Bertha Alice Higbee, ph., 46 - - Marquette
Arla Gates Holiday, cl., 26 - - - Alma
Essy Gertrude Hooper, sc., 77 - - - Alma
Agnes Hope, sc., 114 - - - - St. Johns
Frank Ray Hurst, sc., 33 - - Elk Rapids
Beryl Kefgen, ph., 10 - - - Cass City
James Norman King, cl., 10 - - Fairgrove
Harry Irving Kramer, sc., 12 - - - Elk Rapids
Martin Weston Kramer, sc., 28 - - Elk Rapids
Leola Lauderbach, ph., 18 - - - Cass City
Martha E. Lemen, sp., 6 - - Dansville, N.Y.
Charles Bertrand Leonard, ph., 8 - - Alma
Rie Mabel Lockwood, sc., 42 - - - Alma
Charles Edward Long, sc., 79 - - Ithaca
James Lloyd McBride, ch., 46 - - Corunna
George Fuller McEwen, ph., 50 - - Gladstone
*Robert Ivan McKee, sp., 49 - - - Alma
William G. S. Miller, sp., 46 - - - Cass City

* Deceased.

David Turner Monteith, lit., 5 - - Port Huron
Anna Elizabeth Mahoney, sc., 45 - - Pentoga
Alice Rebecca Marsh, cl., 117 - - Grand Rapids
Sadie Messenger, sc., 75 - - - Alma
Hannah A. Mey, lit., 7 - - - Forest Hill
Leora Martha Morton, sc., 45 - - Alma
Myrtle Ione Nicholson, ph., 82 - - Manistique
Myrtle M. Orr, ph., 10 - - - Cass City
Queenie May Perry, ph., 33 - - - Alma
Philip Phillips, sc., 10 - - - Levin Grove, Ia.
John Robinson, sp., 7 - - - Vestaburg
Hugh Norman Ronald, cl., 71 - - Alma
Stanley Howard Schenck, sc., 9 - Cass City
Elizabeth Schmidt, ph., 57 - - - St. Louis
John Silvin Shiner, ph., 87 - - North Wheeler
Henry Herbert Soule, sc., 81 - - - Flint
Laura Buxton Soule, lit., 74 - - - Flint
Louise Townley Strange, sc., 58 - Grand Ledge
Nellie Cornell Stringham, lit., 37 - Carson City
Raymond G. Swigart, sc., 51 - - Alma
M. Eva Thacker, ph., 22 - - - Yuba
Alice Belle Thompson, ph., 89 - - Alma
Nettie May Thorburn, ph., 21 - - - Holt
Theodore George Timby, sc., 72 - - Alma
Blanche L. Tipping, lit., 10 - - National Mine
Jerome Earl Webber, sc., 28 - - Alma
Wallace Fairbank Webber, sc., 73 - - Alma
Herbert Augustus Wilcox, sc., 53 - - Alma
Audley Willson, ph., 73 - - - Tustin
William Winton, Jr., ph., 43 - - Ithaca
Charles D. Wolfe, ph., 39 - - Gladstone

THE ACADEMY.

Clara W. Cook, I - - - Detroit
Clair Cratzenburg, I - - Edgewood

Dana H. Crawford, sp. - - - Milford
Bessie Creegan, II - - Greenwood, Miss.
Juanita Cuvrell, I - - - Alma
Marguerite DuBois, III - - St. Louis
H. Benton Dunning, III - - - Holt
George H. Ellis, III - - - Yale
Ernest Ewing, I - - - Alma
Walter P. Fairbairn, III - - Detroit
Howard R. Ford, sp. - - West Bay City
Nellie Franklin, sp. - - - - Merrill
Howard L. Griffin, IV - - - Merrill
Mabel Green, III - - - Milwaukee, Wis.
Dora L. Hamilton, III - - - Caro
Leta A. Hawes, III - - - Elm Hall
Susie L. Hawes, III - - - Elm Hall
Herbert G. Iles, I - - - - Alma
Theodore R. Jennings, IV - - Pinconning
Austin G. Johnson, IV - - - Palo
David A. Johnson, IV - - - Tustin
Earl C. Kelton, I - - - West Bay City
Claire L. Kuhlman, IV - - - Alma
Clyde B. Lathrop, I - - - Alma
Scott E. Leslie, II - - Jerry City, O.
Ellen L. Moiles, sp. - - - - Alma
Charles S. Moore, sp. - - - Brant
Frenn L. Preston, sp. - - Waldron
Beulah Reardon, III - - - Midland
W. Ernest Rohlf, II - - - Fairgrove
Caven S. Ronald, sp. - - - Alma
Velma Sharp, IV - - - - Alma
Otis Sprague, I - - - Alma
Clyde Sprowl, II - - - Fairgrove
William R. Sweet, I - - - Alma
Fred D. Swift, sp. - - - Edmore
Eleanor Wallace, sp. - - - Pt. Austin
Isabel Wallace, I - - - Bay Port

Dale Waterbury, III - - - Alma
Byron Watson, sp. - - - Breckenridge
Carl H. Whitney, III - - - Merrill
Leslie Williams, IV - - - Saginaw

THE KINDERGARTEN TRAINING DEPARTMENT.

Ailsie Bradfield, - - - - Decatur
Grace Breese, - - - Mt. Gilead, O.
Birdelia B. Conat, - - - - Manistee
M. Blossom Evans, - - - Sanilac Center
Lizzie Ferris, - - - - - Alma
Mabelle Hawley, - - - - Alma
Christmas Hough, - - - - St. Ignace
Ethel Iles, - - - - - Alma
Blanche W. Kelley, - - - Harbor Beach
Ida M. Kinsel, - - - - Ithaca
Rose M. Lowry, - - - - Rockville, Ind.
Hollis McBurney, - - - - Cass City
Mary M. McClelland, - - - Calumet
Eva W. McClinton, - - - Jensen, Fla.
Lucy McCreery, - - - - - Flint
Carrie M. Notestein, - - - Canaan, O.
Jessie M. Parker, - - - - - Alma
Mrs. Eleanor Periam, - - - Chicago, Ill.
Iva A. Salter, - - - - - Alma
Harriet Soule, - - - - Flint
Clara M. Stevens, - - - - - Detroit
Ethel L. Stewart, - - - - Decatur
Kathrine M. Sweeney, - - - Elk Rapids
Addie M. Sweeney, - - - - Monroe
Mabel E. Taggett, - - - - Caro
Olive S. Winer, - - - Fowlerville
L. Atta Wilson, - - - - - Alma
Elizabeth D. Wheeler, - - - Northville

THE COMMERCIAL SCHOOL.

Frank E. Adams,	Alma
J. W. Andre,	Ithaca
Thomas W. Burnett,	Alma
Winifred Copley,	Decatur
Dana H. Crawford,	Milford
Walter Davis,	Fairgrove
Howard R. Ford,	West Bay City
Alston A. Fell,	Ithaca
Marie Gothan,	Alma
Carrie Hoyt,	Remus
Rainie E. Howard,	Munising
Charles Moore,	Brant
Anna Montigel,	Alma
George F. McEwen,	Escanaba
Margaret Nevills,	Vestaburg
Clara Pringle,	Alma
Arthur Randall,	Alma
Bessie Sergeant,	Kalamazoo
Bertha Spicer,	Alma
Harry Shepherd,	McComb, O.
Mae Snover,	Mayville
Ethel Stewart,	Decatur
Nellie Taylor,	Pompeii
Minnie Valentine,	Fairgrove
George W. Young,	Alma

THE SCHOOL OF MUSIC.

Piano.

Marcella Adams,	Alma
Orah Ashley,	Ithaca
Hazel Bahlke,	Alma
Maude A. Bailey,	Ithaca
Ella Bittner,	Alma
Nora Brader,	Ithaca

Herbert Brainerd, - - - - - Alma
Maude Brown, - - - - - Ithaca
Mary Carter, - - - - - Alma
Mary Dearing, - - - - - Alma
M. Frances DeLong, - - - - Merrill
Lena M. Dyer, - - - - - Ferris
Nellie Franklin, - - - - - Merrill
Hildegarde Grawn, - - - Mt. Pleasant
Mabel Green, - - - Milwaukee, Wis.
Gertrude Gruber, - - - - Shepherd
Mrs. A. J. Hall, - - - - - Alma
Dora Hamilton, - - - - Caro
Aurelia Hammer, - - - - - Alma
Mrs. Edward Hannah, - - - - Alma
Maude Hooper, - - - - - Alma
Maybelle M. Howard, - - - - Munising
Mrs. C. M. Jones, - - - - Edmore
Adah Kleckner, - - - - North Star
Charles B. Leonard, - - - - Alma
Mary M. McClelland, - - - - Calumet
Eva McClinton, - - - - Jensen, Fla.
Leontine Messenger, - - - - Alma
Sadie Messinger, - - - - Alma
Mrs. A. Mulholland, - - - - Alma
Bernice Pollasky, - - - - Alma
Jennie M. Quick, - - - - - Alma
Beulah Reardon, - - - - Midland
Bessie Sergeant, - - - - Kalamazoo
Lester Sharp, - - - - - Alma
Mary Sharp, - - - - - Alma
Velma Sharp, - - - - - Alma
Lulu Sinclair, - - - - Port Austin
Mae Snover, - - - - - Mayville
Louise Strange, - - - - Grand Ledge
Blanche Tipping, - - - National Mine
Jessie Tucker, - - - - - Alma

Dora E. Wadsworth,	Harbor Beach
Nellie E. Wallace,	Bay Port
Dale Waterbury,	Alma
Edna Watson,	Breckenridge
Beulah Winton,	Ithaca

Voice.

Lucius S. Bagley,	Alma
John N. Booth,	Alma
Birdelia B. Conat,	Manistee
Dana H. Crawford,	Milford
M. Frances DeLong,	Merrill
Nellie Franklin,	Merrill
Pearl Fuller,	Alma
Floyd Glass,	Alma
Mabel Green,	Milwaukee, Wis.
Gertrude Gruber,	Shepherd
Winnidell A. Griffin,	Alma
Howard L. Griffin,	Merrill
Daisy L. Hard,	Alma
Essie G. Hooper,	Alma
Maybelle M. Howard,	Munising
Ethel Iles,	Alma
David A. Johnson,	Tustin
Blanche W. Kelley,	Harbor Beach
Adah Kleckner,	North Star
Claire L. Kuhlman,	Alma
Anna E. Mahoney,	Pentoga
Rose Messinger,	Alma
James L. McBride,	Corunna
Eva W. McClinton,	Jensen, Fla.
Cecelia Netzorg,	Ithaca
Queenie M. Perry,	Alma
Clara Pringle,	Alma
Bertha W. Stevens,	Alma
Henry H. Soule,	Flint

T. George Timby, - - - Alma
Nellie E. Wallace, - - - Bay Port
Edna B. Watson, - - Breckenridge
J. Earl Webber, - - - - Alma
Herbert A. Wilcox, - - - Alma

Class in Saginaw.

Miss Kate Cherry, Miss Myra Greenfield,
Mrs. Covert, Miss Carrie Knowlton,
Miss Mary Higgins, Miss Louise M. Wellington.

Violin.

Willie Ewing, - - - - Alma
Mabel Green, - - - Milwaukee, Wis.
Christmas Hough, - - - St. Ignace
Maybelle M. Howard, - - - Munising
Clyde Lathrop, - - - - Alma
John Marchmont, - - - Alma
Harry Shepherd, - - - McComb, O.
Lester Sharp, - - - - Alma
Lulu Sinclair, - - - Port Austin
Dudley Tinker, - - - Alma

Mandolin.

William Caple, - - - - Alma
Pearle Grimore, - - - Au Gres
Lulu Sinclair, - - - Port Austin

Guitar.

Mae Snover, - - - Mayville
Mrs. C. O. Trask, - - - Alma

THE SCHOOL OF ART.

Ethel Beeson,	Alma
Martha T. Blatz,	Saginaw
Wm. E. Brock,	Alma
Esther Bruske,	Alma
Winifred Copley,	Decatur
Stella Eagon,	Alma
M. Blossom Evans,	Sanilac Center
Hildegarde Grawn,	Mt. Pleasant
Mabel Green,	Milwaukee, Wis.
Agnes Hope,	St. Johns
Eva W. McClinton,	Jensen, Fla.
Bertha McLaren,	Alma
Anna E. Mahoney,	Pentoga
Lillian McCullough,	Alma
Grace Messinger,	Alma
Mrs. John McKee,	Alma
Myrtle Nicholson,	Manistique
Mary W. Plum,	Alma
Mrs. Charles Rhodes,	Alma
Bertha Struble,	Alma
Clara M. Stevens,	Detroit
Mrs. James H. Thompson,	Evart
Mrs. Henry J. Vermeulen,	Alma
Eleanor Wallace,	Port Austin
Isabel Wallace,	Bay Port
Edna Watson,	Brreckenridge
Louise Westcott,	Detroit

Class at Ithaca.

June Ashley,
Anna Barber,
Mrs. Amos Euen,
Charles Graham,
Edna Jones,
Gladis Lewis,
Mrs. Henry Parish,
Kittie Richards,
Mrs. George P. Stone,
Mrs. W. M. Tinbie,
Charlotte Weller.

SUMMARY.

The College	80
The Academy	42
The Department for Training Kindergarteners	28
The Commercial School	25
The School of Music	102
The School of Art	38
	315
Counted more than once	71
Total from Sept. 16, 1901 to April 1, 1902	244
Total from April 1, 1901 to April 1, 1902	319

CONTRIBUTIONS.

Contributions to Alma College from Presbyterian Churches of Michigan from April 15, 1901, to April 15, 1902.

Adrian	$ 7 00
Albion	30 00
Alma	106 75
Bay City, First Church	22 25
Battle Creek, First Church	25 00
Blissfield	3 00
Bay City, Memorial Church Missionary Society	2 50
Boyne	2 00
Boyne Falls	2 00
Cadmus	1 25
Cass City	5 00
Clayton	2 50
Concord	2 00
Detroit, First Church	100 71
Detroit, Jefferson Ave.	96 36
Detroit, Calvary Church	10 00
Detroit, Trumbull Ave.	50 00
Detroit, Second Ave.	5 34
Detroit, St. Andrew's Church	3 60
Detroit, Memorial	6 60
Detroit, Church of the Covenant	5 00
Deerfield	1 00
Denmark	1 00
East Nankin	4 00
Erie	1 50
Escanaba	5 00
Fairgrove	14 00
Fenton	12 00
Flint	21 97
First Presbyterian Sunday School of Lake Superior	15 00
Grand Rapids, First Church	14 00
Grand Rapids, Immanuel	4 00
Harbor Beach, First Church	1 52
Hillsdale	5 00
Ithaca	10 00
Irom Mountain	8 00
La Salle	50
Lansing, Franklin St.	11 00
Lapeer	20 00
La Motte	7 25
Linden	1 00

Marquette, First Church	15 00
Marshall	7 93
Marlette, First Church	38 35
Manistique, Church of the Redeemer	6 00
Mason	8 co
Milan	2 00
Menominee	22 00
Mundy	5 00
Mt. Pleasant	2 00
Midland	16 00
Parma	2 00
Palmyra, Frst Church	5 00
Pontiac, First Church	29 34
Reading	3 00
Richland	4 00
Saginaw, First Church	102 70
Springfield	1 00
St. Ignace, First Church	1 47
Sturgis	2 50
Southfield	1 04
Stony Creek	3 04
Tecumseh	11 14
Tekonsha, First Church	2 00
Three Rivers	5 00
Tawas City	4 00
Tustin	3 00
Watrosville	1 00
White Lake	6 00
West Bay City, Westminister	22 00
Ypsilanti, First Church	15 00
Yale	3 00

INDIVIDUAL CONTRIBUTIONS FOR SPECIAL PURPOSES.

The Following Contributions Have Been Received to Furnish One Room Each in Wright Hall.

Mrs. Chas. H. Davis,	$ 35 00
Mrs. E. P. Stone,	35 00
Mrs. E. R. Ayers.	35 00
Mrs. M. G. Gardner,	35 00
Mrs. Thos. Harvey,	35 00
Mrs. M. W. Tanner,	35 00
Mrs. L. H. Hayt,	35 00
Mrs. W. T. Knowlton,	35 00

Mrs. Arthur Hill,		35 00
Mrs. C. B. Curtiss,		35 00
Mrs. Thos. Merrill,		35 00
Mrs. Francis Hood,		35 00
Mrs. Mary E. Kelton,		35 00
Mrs. Allen J. Plum,		35 00
Mrs. Willis J. Perkins,		35 00
Mrs. E. T. Carrington,		35 00
Mrs. Henry B. Smith,		35 00
Mrs. Helen B. Eddy,		35 00
Mrs. A. Parker,		35 00
Mrs. J. W. Sutton,		35 00
Mrs. Elizabeth Nicholson,		35 00
A Friend,		35 00
Hon. John Moore,		35 00
Mr. W. Doughty,		35 00
Mrs. F. W. Holiister,		35 00
Mrs. L. A Sharp,		35 00
Mrs. A. W Wright,		35 00
Mr. C. W. Penoyer,		35 00
Mrs. Elizabeth Auten,		35 00
Mrs. Matilda Chesborough,		35 00
Presbyterian Church, Cass City,		35 00
Mrs. May Bliss,		35 00
Mr. T. N. Stevens,		35 00
Mrs. Wm. A. Young,		35 00
Mrs. H J. Vermeulen,		35 00
Mrs. Mary C. Bahlke,		35 00
Mrs. Addie E. Reardon,		35 00
Mrs. F. C. Stone,		35 00
Mrs. Jas. Scripps,		35 00
Mrs. Jno. S. Newberry,		35 00
Mrs. Emily F. Seely,		55 00
Mrs. Benton Hanchett,		35 00
Mrs. Mary H. Bruske,		35 00
Mrs. Jefferson M. Thurber,		35 00
Miss Burnice Hunting,		25 00
Miss Florence Plum,		10 00
Mrs. J. A. Kent,		10 00
Mr. J. W. Dean,		10 00
Mr. L. A. Stevens,		3 00
R. S. Tracy,	Scholarship	21 20
C. B. Chatfield,	"	30 00
S. O. Fisher,	"	60 00

W. F. Pearson,	Scholarship	30 00
Rev. D. M. Cooper, D. D.	"	30 00
E. T. Carrington,	"	30 00
Mrs. E. T. Carrington,	"	30 00
Mrs. Edith M. Davis,	"	60 00
F. R. Shaver,	"	10 00
John F. Seely,	"	60 00
Chas. W. Handy,	"	30 00
Mrs. Helen Gould,	"	30 00
D. B. Perry,	"	30 00
W. A. Heartt,	"	1686 00
Leonard Laurense,	" $30.; Y. M. C. A. chairs, $26.	56 00
C. F. Brown,	General,	10 00
Rev. W. D. Cole,	"	5 00
Rev. Wm. Bryant,	"	5 00
Sydney P. Jackson,	"	1 00
A. W. Wright,	Wright Hall, $47,673; Pianos, 1,130; Commerical School, Chemical Laboratory, and Vocal Music, $560.	$49,363 00
Chas. H. Davis,	Athletic Field, $800; Wright Hall, heating and lighting, $1,000.	1,000 00
John W. S. Pierson,	Heating and Lighting Wright Hall, $500.; Gymnasium Fixtures, $25.00; Scholarship, $30.00	555 00
Alfred Lane,	for mounting Specimens	50 00
Mrs. Jennie Y. Hood,	for mounting Specimens	50 00
J. H. Plum,	Library Books	30 00
Rev. Wm. Potter,	Library Books	5 00

LIST OF ALUMNI.

Class of 1891.

Bernice Hunting, - - - Tripoli, Syria
Alfred Field Pratt, - - Campbell, N. Y.
Bertha May Trask, - - Saginaw, W. S.

Class of 1892.

Mrs. Henry P. Streng (nee Mary Cook,)
6029 Champlain Ave., Chicago, Ill.
Francis Wayland Eply, - Whatcom, Washington
Katherine Slater, - - - Dorset, O.
Ralph C. Ely, - - - New York City

Class of 1893.

Chas. E. Blanchard, - - - Big Rapids
Bessie Campbell McLean, - - Brooklyn, N. Y.
*H. A. Ransom, - - - Muir
Jas. E. Mitchell, - - - - Alma
*Mrs. Jas. E. Mitchell, (nee Lucy Plum,) - Alma
Mrs. A. F. Waldo, (nee Josephine Hodges,) Lebanon, Pa.
Matie C. Hill, - - - - Flint
Mary O. Hunting, - - Ann Arbor

Class of 1894.

Esther Hewitt Marsh, - - Grand Rapids
Frank Marsh, - - Grand Rapids

Class of 1895.

Arthur L. Toner, - - - Three Rivers
Ralph Flewelling, - - - Bellaire
Ambrose B. Wight, - - Chicago, Ill.

Class of 1896.

Louis S. Brooke, - - - Howell
Fred Fullerton, - - - Ann Arbor
Richard H. Sidebotham, - - Taiku, Corea

*Deceased.

Elizabeth Jones, - - - Bismark, N. D.
Winifred E. Heston, - - Cincinnati, O.
Mrs. John McKee, (nee Clara Booth,) Crawfordsville, Ind.
Anna Girmus, - - - Anna, Ill.
Jos. T. Northon, - - - Hebron, Ill.
Wm. A. Howe, - - - - Alma
Edward Clark Marsh, - - New York City

Class of 1897.

Mrs. Kendall Brooks, (nee Gratia G. Dunning,) Marquette
Letta E. Burns, - - Brooklyn, N. Y.
A. John VanPage, - - Marengo, Ill.
Jacob Klasse, Princeton Seminary, Princeton, N. J.
Kendall P. Brooks, - - - Marquette

Class of 1898.

Francis Dustin Adams, - - Sault Ste. Marie
Birdsey Scott Bates, - - - Hebron, Ill.
Paul Hale Bruske, - - - Detroit
James Irving Crane, - - - Troygrove, Ill.
Sherman Landon Divine, - - Morgan Park, Ill.
Elmer M. Eckard, M. D., - - Chicago, Ill.
Maurice Grigsby, - - Elwood, Ill.
William Henry Long, - - Elk Rapids
Franklin Warren McCabe, - - Lansing
Mertha Peters, - - - Wyandotte
Charles Ernest Scott, Princeton Seminary, Princeton, N. J.
John Barlett Stevens, - West Superior, Wis.

Class of 1899.

Maud Hartness Bishop, - - Harbor Springs
*Frances Thorne Booth, - - - Alma
Weston T. Johnson, Princeton Seminary, Princeton, N. J.
Harry Erastus Porter, Lane Seminary, Cincinnati, O.

---

*Deceased.

Class of 1900.

Jacob C. Foote, - - Wichita, Kansas
George A. Hill, - McCormick Seminary, Chicago, Ill.
David Magaw, - - - Gooding
Mary Wheeler Plum, - - - Ithaca
George Basil Randels, - U. of P., Philadelpha, Pa.

Class of 1901.

Henry P. Bush, Jr., - - - Caro
Carolyn A. Butler, - - - Chicago, Ill.
Winifred F. Carl, - - Wyandotte
Donald S. Carmichael, Princeton Seminary, Princeton, N. Y.
Amos R. Eastman, - Sorgoson, Luzon, P. I.
Daisy L. Hard, - - - - Alma
Harry E. Reed, - - Sorgoson, Luzon, P. I.
Watson B. Robinson, Columbia University, New York City
Charles W. Sidebotham, Princeton Seminary, Princeton, N. Y.
Winifred G. Trapp, - - - - Alma

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